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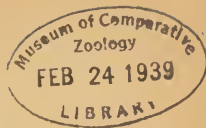






Bulletin of the Museum of Comparative Zoölogy  
AT HARVARD COLLEGE  
VOL. LXXXIII

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A CHECKLIST OF AFRICAN MAMMALS

By  
GLOVER M. ALLEN

CAMBRIDGE, MASS., U.S.A.  
PRINTED FOR THE MUSEUM  
FEBRUARY, 1939

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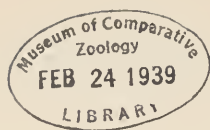
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To the memory of  
JOHN CHARLES PHILLIPS, M.D.  
Sportsman, Naturalist, Author, Conservationist

His far-sighted work for the protection of  
game has greatly helped to es-  
tablish a wiser use of  
Wildlife Resources

# A CHECKLIST OF AFRICAN MAMMALS

By GLOVER M. ALLEN

Since the publication of Trouessart's *Catalogus Mammalium* in 1904-05, over thirty years have elapsed. In the meantime the continent of Africa has been increasingly explored and intensive collecting has been carried on in almost every considerable area. This has resulted in a vast increase in our knowledge of its mammalian fauna and often, unfortunately, in a multiplicity of names applied to supposedly distinct forms.

At the present time it may be said that the mammalian fauna of Africa is fairly well ascertained, and that the likelihood of many more really new genera or species being found is small. Nevertheless much revisionary work is yet to be done as adequate collections accumulate in the larger museums. As a first necessity in indicating what has been done and where further study is urgent, a complete checklist of the names applied to African mammals is here presented, intended to include all those currently regarded as valid as well as all synonyms through July 1938, so far as possible. It is hardly to be hoped that no names have been omitted from this catalogue, yet the compiler believes that what omissions may be detected are unimportant. So far as library resources have been available, the great majority of the references have been carefully checked with the originals and the citations of names are as originally given, with their type localities following each.

The area covered is the continent of Africa west of the Suez Canal, with the inclusion of Madagascar and the Mascarene islands, and the seas adjacent to the continent. Domesticated animals, unless feral, and the human races are purposely omitted, but with these exceptions the list includes all species known to have lived within historic times.

In citing the references, the title of the work is first given, followed by the volume, then a colon, and after that the page numbers and the date. The "type locality" follows the reference. Where there is no volume number the page reference is preceded by "p." Genera are listed alphabetically under their respective families, and the species alphabetically under their genera. Where the range is ascertained, it is briefly stated.

Considerable pains have been given to stating as exactly as possible the actual dates of publication. Where, as in the case of the Proceedings of the Zoological Society of London, the various "parts" for a given year are not issued in the same calendar year, the year for which the part is published is first given, and the actual date of issue concludes the reference. For guidance in ascertaining the dates of publication of certain works, use has been made of Sherborn's "Index" and the following special papers:—

DUNCAN, F. MARTIN

1937. On the dates of publication of the Society's "Proceedings," 1859-1926. With an appendix containing the dates of publication of "Proceedings," 1830-1858, compiled by the late F. H. Waterhouse, and of the "Transactions," 1833-1869, by the late Henry Peavot, originally published in P. Z. S. 1893, 1913. Proc. Zool. Soc. London, 107: ser. A, 71-84, Apl.

SHERBORN, C. DAVIES

1891. On the dates of the parts, plates, and text of Schreber's "Säugthiere." Proc. Zool. Soc. London, for 1891, p. 587-592.

SHERBORN, C. DAVIES

1897. On the dates of the natural history portion of Savigny's "Description de l'Égypte." Proc. Zool. Soc. London, for 1897, p. 285-288.

SHERBORN, C. DAVIES

1926. Dates of publication of early catalogues of natural history issued by the British Museum. Ann. Mag. Nat. Hist. (9) 17: 271-272, Feb.

WATERHOUSE, F. H.

1880. On the dates of publication of the parts of Sir Andrew Smith's "Illustrations of the Zoology of South Africa." Proc. Zool. Soc. London, for 1880, p. 489-491.  
See also Jentink, F. A., Notes Leyden Mus., 15: 182, 1893.

I would express my thanks to Miss Barbara Lawrence (now Mrs. William E. Schevill), Assistant Curator of Mammals, for much help in various ways.



## Class MAMMALIA

## Order INSECTIVORA. Insectivores

## Family MACROSCOLIDIDAE. Elephant Shrews

## ELEPHANTULUS Thomas and Schwann

*Macroscelides* A. Smith, Proc. Zool. Soc. London, for 1830, p. 11, 6 Jan. 1831, in part.

*Elephantulus* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 33, p. 10, 5 June 1906; Proc. Zool. Soc. London, p. 577, 10 Oct. 1906. Genotype *Macroscelides rupestris* A. Smith.

## ELEPHANTULUS CAPENSIS Roberts

*Elephantulus capensis* Roberts, Ann. Transvaal Mus., 10: 62, 31 Jan. 1924. Cape Province, Klaver.

## ELEPHANTULUS DUNDASI Dollman

*Elephantulus dundasi* Dollman, Ann. Mag. Nat. Hist. (8) 5: 95, Jan. 1910. Harich near Lake Baringo, Kenya Colony.

## ELEPHANTULUS EDWARDSII (A. Smith)

*Macroscelides edwardsii* A. Smith, Illustr. Zool. South Africa, Mamm., pl. 14, 1839. Near Oliphants River, Cape Colony.

## ELEPHANTULUS FUSCIPES (Thomas)

*Macroscelides fuscipes* Thomas, Ann. Mag. Nat. Hist. (6) 13: 68, Jan. 1894. N'doruma, Niam-Niam country, 5° N., 27° 30' E.  
Range: Central Africa, N'doruma.

## ELEPHANTULUS INTUFI INTUFI (A. Smith)

*Macroscelides intufi* A. Smith, Report of the Expedition for Exploring Central Africa, p. 42, 1836; Illustr. Zool. South Africa, Mamm., part 6, pl. 12, 1839. Kurrichane, Marico district, Transvaal.

## ELEPHANTULUS INTUFI ALEXANDRI (Ogilby)

*Macroscelides alexandri* Ogilby, Proc. Zool. Soc. London, p. 5, July 1838. Damaraland, Southwest Africa.  
*Elephantulus intufi alexandri* Shortridge, Mamm. South West Africa, 1: 22, 1934.  
Range: Southwest Africa, Damaraland.

## ELEPHANTULUS INTUFI KALAHARICUS Roberts

*Elephantulus intufi kalaharicus* Roberts, Ann. Transvaal Mus., 15: 17, Oct. 1932. Central Kalahari, Damara Pan, Bechuanaland.

## ELEPHANTULUS INTUFI MOSSAMEDENSIS Hill and Carter

*Elephantulus intufi mossamedensis* Hill and Carter, Amer. Mus. Novitates, no. 937, p. 1, 13 July 1937. Angola, 101 km. east of Mossamedes.

## ELEPHANTULUS OCULARIS Kershaw

*Elephantulus ocularis* Kershaw, Ann. Mag. Nat. Hist. (9) 8: 563, Nov. 1921. Dodoma, Tanganyika Territory.

Range: Tanganyika Territory, Upper Ruaha River.

## ELEPHANTULUS PEASEI (Thomas)

*Macroscelides peasei* Thomas, Ann. Mag. Nat. Hist. (7) 8: 154, Aug. 1901. Hoolul, Abyssinia.

## ELEPHANTULUS PULCHER PULCHER (Thomas)

*Macroscelides pulcher* Thomas, Ann. Mag. Nat. Hist. (6) 13: 69, Jan. 1894. Usambiro, south of Victoria Nyanza.

## ELEPHANTULUS PULCHER RENDILIS Lönnberg

*Elephantulus pulcher rendilis* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., (2) 48: no. 5, p. 49, 26 June 1912. Kenya Colony, north of Guaso Nyiro.

## ELEPHANTULUS RENATUS Kershaw

*Elephantulus renatus* Kershaw, Ann. Mag. Nat. Hist. (9) 11: 588, May 1923. Gwao's near Itigi, Singida, about 85 miles northwest of Kilimatinde, Tanganyika Territory.

## ELEPHANTULUS REVOILII (Huet)

*Macroscelides revoilii* Huet, Bull. Soc. Philom. Paris, (7) 5: 96, 1881. Somali-land.

## ELEPHANTULUS ROZETI ROZETI (Duvernoy)

*Macroscelides rozeti* Duvernoy, Mém. Soc. d'Hist. Nat. Strasbourg, 1: pt. 2, art. 4, p. 1, pls. 1, 2, 1830. Near Algiers, Algeria.

Range: Northern Algeria, Oran, northern Rif.

## ELEPHANTULUS ROZETI ATLANTIS Thomas

*Elephantulus rozeti atlantis* Thomas, Novitates Zool., 20: 587, 21 Oct. 1913. Northern slope of Great Atlas of Morocco, south of Seksawa, Aïn Moussa.

## ELEPHANTULUS ROZETI CLIVORUM Thomas

*Elephantulus deserti clivorum* Thomas, Novitates Zool., 20: 588, 21 Oct. 1913. Plateau of eastern Algeria, Guelt-es-Stel.

Range: As above, also Matmata, southern Tunis, and Maafa, eastern Algeria.

## ELEPHANTULUS ROZETI DESERTI (Thomas)

*Macroscelides rozeti deserti* Thomas, Ann. Mag. Nat. Hist. (7) 8: 155, Aug. 1901.  
Near Djebel Bourzel, Biskra, Algeria.

## ELEPHANTULUS ROZETI MORATUS Thomas

*Elephantulus rozeti moratus* Thomas, Novitates Zool., 20: 587, 21 Oct. 1913.  
Djebel Chedar, about 80 kilometers southeast of Mazagan, southwestern Morocco.  
Range: Southwest Morocco, also desert of Zragna.

## ELEPHANTULUS RUFESCENS RUFESCENS (Peters)

*Macroscelides rufescens* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 198, pl. 1, f. 3, 1878. Ndi, Kenya Colony.  
Range: East Africa, Kibwezi, Uataita, Mozambique.

## ELEPHANTULUS RUFESCENS BORANUS (Thomas)

*Macroscelides boranus* Thomas, Proc. Zool. Soc. London, for 1900, p. 802, 1 Apl. 1901. Mega, western Boran Galla, southeast of Lake Rudolf, Kenya Colony.  
Range: Lake Rudolf to Guaso Nyiro, Kenya Colony.

## ELEPHANTULUS RUFESCENS DELICATUS Dollman

*Elephantulus delicatus* Dollman, Ann. Mag. Nat. Hist. (8) 8: 652, Nov. 1911.  
Mt. Nyiro, Orr Valley, Kenya Colony.

## ELEPHANTULUS RUFESCENS MARIAKANÆ Heller

*Elephantulus rufescens mariakanæ* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 10, 4 Nov. 1912. Mariakani, Kenya Colony.

## ELEPHANTULUS RUFESCENS PHÆUS Heller

*Elephantulus phæus* Heller, Smithsonian Misc. Coll., 56: no. 15, p. 8, 23 Dec. 1910. Sotik district, Njoro O Solali, Kenya Colony.

## ELEPHANTULUS RUPESTRIS RUPESTRIS (A. Smith)

*Macroscelides rupestris* A. Smith, Proc. Zool. Soc. London, for 1830, p. 11, 6 Jan. 1831. Mountains north of Orange River, South Africa.  
*Macroscelides typus* Lesson, Cent. Zool., p. 51, pl. 12, 1830 (not Smith).

## ELEPHANTULUS RUPESTRIS JAMESONI Chubb

*Elephantulus rupestris jamesoni* Chubb, Ann. Transvaal Mus., 1: 181, Jan. 1909. Johannesburg, Transvaal.

## ELEPHANTULUS RUPESTRIS MAPOGONENSIS Roberts

*Elephantulus rupestris mapogonensis* Roberts, Ann. Transvaal Mus., 5: 277, 16 May 1917. Ngelelle River, Zoutpansberg, Transvaal.

## ELEPHANTULUS RUPESTRIS MYURUS Thomas and Schwann

*Elephantulus rupestris myurus* Thomas and Schwann, Proc. Zool. Soc. London, p. 586, 10 Oct. 1906. Woodbush, northeastern Transvaal.

## ELEPHANTULUS SOMALICUS (Thomas)

*Macroscelides somalicus* Thomas, Ann. Mag. Nat. Hist. (7) 8: 255, Sep. 1901. Arabsiyo, Somaliland.

## ELEPHANTULUS VANDAMI Roberts

*Elephantulus vandami* Roberts, Ann. Transvaal Mus., 10: 62, 31 Jan. 1924. Cradock, Cape Province.

## MACROSCELIDES A. Smith

*Sorex* Shaw, General Zoology, Mamm., 1: part 2, p. 536, 1800 (in part, not Linnaeus).

*Macroscelides* A. Smith, Zool. Journ., 4: 435, 1829. Genotype *Macroscelides typus* A. Smith = *Sorex proboscideus* Shaw.

*Eumerus* I. Geoffroy, Ann. des Sci. Nat., Zool., (1) 18: 172, Oct. 1829; publ. as Eumère, for latinization of name see Table Méthodique des Matières, of same vol., p. 470. Name published and put into synonymy at same time.

*Macroscelis* J. B. Fischer, Synopsis Mamm., Addenda, p. 657, 1830. Genotype not mentioned.

*Rhinomys* Lichtenstein, Darstell. neuer oder wenig bekannt. Säugeth. Zool. Mus. Berlin, pl. 38 and text, 1827-34. Genotype *Rhinomys jaculus* Lichtenstein = *Macroscelides proboscideus* (Shaw).

## MACROSCELIDES MELANOTIS Ogilby

*Macroscelides melanotis* Ogilby, Proc. Zool. Soc. London, for 1838, p. 5, pl. 3, f. 3, July 1838. Damaraland, South Africa.

## MACROSCELIDES PROBOSCIDEUS PROBOSCIDEUS (Shaw)

*Sorex proboscideus* Shaw, General Zoology, Mamm., 1: part 2, 536, 1800. Cape of Good Hope.

*Rhinomys jaculus* Lichtenstein, Darstell. neuer oder wenig bekannt. Säugeth. Zool. Mus. Berlin, pl. 38 and text, 1827-34. East coast of South Africa.

*Macroscelides typus* A. Smith, Zool. Journ., 4: 436, May 1829. Interior of South Africa.

*Macroscelides typicus* A. Smith, Illustr. Zool. South Africa, Mamm., part 6, pl. 10, 1839.

## MACROSCELIDES PROBOSCIDEUS CHIVERSI Roberts

*Macroscelides proboscideus chiversi* Roberts, Ann. Transvaal Mus., 15: 265, 1 Aug. 1933. 76 miles north of Upington district, Bechuanaland.



## MACROSCELIDES PROBOSCIDEUS HEWITTI Roberts

*Macroscelides proboscideus hewitti* Roberts, Ann. Transvaal Mus., 13: 86, 6 July 1929. Cradock, Cape Colony.

## MACROSCELIDES PROBOSCIDEUS LANGI Roberts

*Macroscelides proboscideus langi* Roberts, Ann. Transvaal Mus., 15: 265, 1 Aug. 1933. Vlermuisklip, van Rhynsdorp district, Cape Colony.

## NASILIO Thomas and Schwann

*Nasilio* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 33, p. 10, 5 June 1906; Proc. Zool. Soc. London, p. 578, 10 Oct. 1906. Genotype *Macroscelides brachyrhynchus* A. Smith.

*Macroscelides* A. Smith (in part), Report of the Expedition for Exploring Central Africa, p. 42, 1836; Illustr. Zool. South Africa, Mamm., part 6, pl. 13, 1839.

## NASILIO BRACHYRHYNCHUS BRACHYRHYNCHUS (A. Smith)

*Macroscelides brachyrhynchus* A. Smith, Report of the Expedition for Exploring Central Africa, p. 42, 1836; Illustr. Zool. South Africa, Mamm., part 6, pl. 13, 1839. "The country between Lake Latakoo and the Tropic."

*Macroscelides brevirostris* Schinz, Syst. Verz. Säugethiere, 1: 284, 1844. South Africa.

*Macroscelides fuscus* Peters, Reise nach Mossambique, Zool., 1: Säugethiere, p. 87, pls. 19, 22, 1852. Eastern Africa.

Range: Bechuanaland, Transvaal, Rhodesia, Nyasaland, Mozambique:

## NASILIO BRACHYRHYNCHUS ALBIVENTER Osgood

*Nasilio brachyrhynchus albiventer* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 13, 16 Feb. 1910. Lake Elmenteita, Kenya Colony.

Range: Interior of Kenya Colony, Meru, Naivasha.

## NASILIO BRACHYRHYNCHUS DELAMEREI (Thomas)

*Macroscelides delamerei* Thomas, Ann. Mag. Nat. Hist. (7) 8: 155, 1 Aug. 1901. Athi River, Kenya Colony.

Range: Kenya Colony, coastal region, Athi, Kapiti, and Loita Plains.

## NASILIO BRACHYRHYNCHUS LANGI Roberts

*Nasilio brachyrhyncha langi* Roberts, Ann. Transvaal Mus., 13: 85, 6 July 1929. Portuguese Southeast Africa, lower Limpopo River, Mazambo.

## NASILIO BRACHYRHYNCHUS LULUÆ Matschie

*Nasilio brachyrhynchus luluæ* Matschie, Zeitschr. f. Säugethierkunde, 1: 110, 24 Dec. 1926. Belgian Congo, Lulua River, near Luluaburg, Lutaba.

## NASILIO BRACHYRHYNCHUS MABABIENSIS Roberts

*Nasilio brachyrhynchus mababiensis* Roberts, Ann. Transvaal Mus., 15: 18, Oct. 1932. Northern Bechuanaland, Tsotsoroga Pan.

## NASILIO BRACHYRHYNCHUS SELINDENSIS Roberts

*Nasilio brachyrhyncha selindensis* Roberts, Ann. Transvaal Mus., 19: 99, 8 Nov. 1937. Mt. Selinda, Southern Rhodesia.

## NASILIO BRACHYRHYNCHUS SHORTRIDGEI Roberts

*Nasilio brachyrhyncha shortridgei* Roberts, Ann. Transvaal Mus., 13: 86, 6 July 1929. Ndola, Northern Rhodesia.

## NASILIO BRACHYRHYNCHUS TZANEENENSIS Roberts

*Nasilio brachyrhyncha tzaneensis* Roberts, Ann. Transvaal Mus., 13: 85, 6 July 1929. Northeastern Transvaal, Tzaneen Estate.

## NASILIO BRACHYURUS Bocage

*Macroscelides brachyura* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (1) 9: 27, 1882. Caconda, Angola.

Range: Angola to Rhodesia.

## NASILIO MALOSÆ (Thomas)

*Macroscelides brachyrhynchus malosæ* Thomas, Proc. Zool. Soc. London, for 1897, p. 928, Apl. 1898. Mt. Malosa, Nyasaland, 1800 m.

## NASILIO SCHINZI (Noack)

*Macroscelides brachyrhynchus*, var. *schinzi* Noack, Zool. Jahrb., Syst., 4: 198, 28 Feb. 1889. Ondongastamm, Ovamboland.

Range: Western Africa, Ovambo, Benguela.

## PETRODROMUS Peters

*Petrodromus* Peters, Verh. K. Preuss. Akad. Wiss., Berlin, p. 258, 1846. Genotype *Petrodromus tetradactylus* Peters.

## Subgenus PETRODROMUS Peters

## PETRODROMUS BEIRÆ Roberts

*Petrodromus beiræ* Roberts, Ann. Transvaal Mus., 4: 69, 20 Oct. 1913. Zimbithi, Beira, Mozambique.

## PETRODROMUS MATSCHIEI Neumann

*Petrodromus matschiei* Neumann, Zool. Jahrb., Syst., 13: 541, 10 Oct. 1900. Burunge and Mkiywa near Tabora, Tanganyika Territory.

## PETRODROMUS ROBUSTUS Thomas

*Petrodromus robustus* Thomas, Ann. Mag. Nat. Hist. (9) 1: 367, May 1918.  
Upper Lufua River, Katanga, southern Congo Belge.

## PETRODROMUS TETRADACTYLUS TETRADACTYLUS Peters

*Petrodromus tetradactylus* Peters, Verh. K. Preuss. Akad. Wiss., Berlin, p.  
258, pl. 3, fig. 4, 1846. Tette, southern Mozambique.

## PETRODROMUS TETRADACTYLUS SWYNNERTONI Thomas

*Petrodromus tetradactylus swynnertoni* Thomas, Ann. Mag. Nat. Hist. (9) 1:  
368, May 1918. Chirinda Forest, Melsetter, Southern Rhodesia.

## PETRODROMUS TETRADACTYLUS WARRENI Thomas

*Petrodromus tetradactylus warreni* Thomas, Ann. Mag. Nat. Hist. (9) 1: 364,  
May 1918. Manguzi, northern Zululand, Natal.

## PETRODROMUS TORDAYI Thomas

*Petrodromus tordayi* Thomas, Ann. Mag. Nat. Hist. (8) 5: 83, Jan. 1910. Mis-  
umba, Sankuru River, south-central Congo Belge.

*Petrodromus tordayi tumbanus* Kershaw, Revue Zool. Africaine, 11: 360, 27 Dec.  
1923. Bikoro, Lake Tumba, Congo Belge.

## PETRODROMUS VENUSTUS Thomas

*Petrodromus venustus* Thomas, Ann. Mag. Nat. Hist. (7) 12: 339, Sep. 1903.  
Namurive, northern Nyasaland.

*Petrodromus occidentalis* Roberts, Ann. Transvaal Mus., 4: 69, 20 Oct. 1913.  
Northwestern Rhodesia.

Range: Northwestern Rhodesia, southern Nyasaland.

## Subgenus CERCOCTENUS Hollister

*Cercoctenus* Hollister, Smithsonian Misc. Coll., 66: 1, 10 Feb. 1916. Genotype  
*Petrodromus sultani* Thomas.

## PETRODROMUS SCHWANNI Thomas and Wroughton

*Petrodromus schuanni* Thomas and Wroughton, Proc. Zool. Soc. London, p.  
289, 1 Aug. 1907. Coguno, Inhambane, Mozambique.

## PETRODROMUS SULTANI SULTANI Thomas

*Petrodromus sultan* Thomas, Proc. Zool. Soc. London, p. 435, Oct. 1897. Mom-  
basa, Kenya Colony. Misprint of specific name corrected to *sultani* in  
ibid., p. 928, Apl. 1898.

## PETRODROMUS SULTANI SANGI Heller

*Petrodromus sultani sangi* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 12,  
4 Nov. 1912. Mt. Mbololo, Taita Hills, Kenya Colony.

Subgenus *MESOTENUS* Thomas

*Mesotenus* Thomas, Ann. Mag. Nat. Hist. (9) 1: 366, May 1918. As a genus, type *Petrodromus rovimæ* Thomas.

*PETRODROMUS NIGRISETA* Neumann

*Petrodromus nigriseta* Neumann, Zool. Jahrb., Syst., 13: 541, footnote, 10 Oct. 1900. Marui and Morogoro, Usaramo, Tanganyika Territory.

*PETRODROMUS ROVUMÆ* Thomas

*Petrodromus rovimæ* Thomas, Proc. Zool. Soc. London, p. 434, Oct. 1897. Rovuma River, 100 miles inland, Tanganyika Territory.

*Petrodromus (Mesotenus) mossambicus* Thomas, Ann. Mag. Nat. Hist. (9) 1: 369, May 1918. Cabaceira, Mozambique.

*RHINONAX* Thomas. Black-and-rufous Elephant-shrews

*Rhinonax* Thomas, Ann. Mag. Nat. Hist. (9) 1: 370, May 1918. As a subgenus of *Rhynchocyon*; type *Rhynchocyon chrysopygus* Günther.

*RHINONAX ADERSI* (Dollman)

*Rhynchocyon adersi* Dollman, Ann. Mag. Nat. Hist. (8) 10: 130, July 1912. Zanzibar.

*RHINONAX CHRYSOPYGUS* (Günther)

*Rhynchocyon chrysopygus* Günther, Proc. Zool. Soc. London, p. 164, pl. 14, June 1881. River Mombasa, Kenya Colony.

Range: East coast of Kenya Colony.

*RHINONAX PETERSI PETERSI* (Bocage)

*Rhynchocyon petersi* Bocage, Journ. Sci. Math., Phys. e Nat., Lisboa, (1) 7: 159, pl. 4, f. 2, Feb. 1880. "Envoyé de Zanzibar," but actually from the opposite mainland of Tanganyika Territory (see Dollman, G., Ann. Mag. Nat. Hist. (8) 10: 131, July 1912).

*Rhynchocyon petersi usambaræ* Neumann, Zool. Jahrb., Syst., 13: 542, 10 Oct. 1900. Usambara.

Range: Tanganyika Territory.

*RHINONAX PETERSI FISCHERI* (Neumann)

*Rhynchocyon petersi fischeri* Neumann, Zool. Jahrb., Syst., 13: 543, 10 Oct. 1900. Usegua, Tanganyika Territory.

*RHINONAX PETERSI MELANURUS* (Neumann)

*Rhynchocyon petersi melanurus* Neumann, Zool. Jahrb., Syst., 13: 542, 10 Oct. 1900. Lindi, Uluguru Mts., Tanganyika Territory.



## RHYNCHOCYON Peters. Checkered Elephant-shrews

*Rhynchocyon* Peters, Ber. über Verhandl. K. Preuss. Akad. Wiss., Berlin, p. 36, 1847. Genotype *Rhynchocyon cirnei* Peters.

## RHYNCHOCYON CIRNEI Peters

*Rhynchocyon cirnei* Peters, Ber. über Verhandl. K. Preuss. Akad. Wiss., Berlin, p. 37, pl. 4, f. 1, 1847. Quelimane, Bororo district, Mozambique.

## RHYNCHOCYON CLAUDI Thomas and Wroughton

*Rhynchocyon claudi* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 370, May 1907. Beritio, Uele River, Congo Belge.

## RHYNCHOCYON HENDERSONI Thomas

*Rhynchocyon hendersoni* Thomas, Ann. Mag. Nat. Hist. (7) 10: 403, Nov. 1902. Plateau west of Lake Naivasha, Kenya Colony.

## RHYNCHOCYON MACRURUS Günther

*Rhynchocyon macrurus* Günther, Proc. Zool. Soc. London, p. 163, June 1881. Rovuma River, 8° S., Tanganyika Territory.  
Range: Rovuma River to east of Lake Nyasa.

## RHYNCHOCYON REICHARDI Reichenow

*Rhynchocyon reichardi* Reichenow, Zool. Anzeiger, 9: 316, 17 May 1886. Marungu, southeastern Congo Belge.

## RHYNCHOCYON STUHLMANNI STUHLMANNI Matschie

*Rhynchocyon stuhlmanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 66, 1893. Ruanda, Semliki River, northeastern Congo Belge.

## RHYNCHOCYON STUHLMANNI NUDICAUDATUS Lydekker

*Rhynchocyon stuhlmanni nudicaudata* Lydekker, Proc. Zool. Soc. London, for 1906, p. 995, Apr. 1907. Ituri Forest, Congo Belge.

## RHYNCHOCYON SWYNNERTONI Kershaw

*Rhynchocyon swynnertoni* Kershaw, Ann. Mag. Nat. Hist. (9) 11: 587, May 1923. Kipera, Kilosa, Tanganyika Territory.

## Family CHRYSOCHLORIDÆ. Golden Moles

Broom (1916) believes the golden moles are not Insectivora, but should stand as a separate order, Chrysochloroidea Dobson.

## AMBLYSOMUS Pomel

## Subgenus AMBLYSOMUS Pomel

*Amblysomus* Pomel, Arch. des Sci. Phys. et Nat., Gèneve, 9: 244, 1848. Genotype *Chrysochloris hottentotus* A. Smith.

*Calcochloris* Mivart, Journ. Anat. and Phys., 2 (= ser. 2, vol. 1): 133, 1868. Genotype *Chrysochloris obtusirostris* Peters.

## AMBLYSOMUS CORRIÆ CORRIÆ Thomas

*Amblysomus corriæ* Thomas, Abstr. Proc. Zool. Soc. London, no. 20, p. 5, 23 May 1905; Proc. Zool. Soc. London, 2: 57, 7 Oct. 1905. Knysna, southern Cape Colony.

## AMBLYSOMUS CORRIÆ SEPTENTRIONALIS Roberts

*Amblysomus corriæ septentrionalis* Roberts, Ann. Transvaal Mus., 4: 73, 20 Oct. 1913. Wakkerstroom, Transvaal.

## AMBLYSOMUS HOTTENTOTUS HOTTENTOTUS (A. Smith)

*Talpa rufa* Shaw, General Zool., 1: pt. 2, p. 522, 1800. Said to be "America," but perhaps refers to this species.

*Chrysochloris hottentotus* A. Smith, Zool. Journ., 4: 436, May 1829. "Interior parts of South Africa."

*Chrysochloris holosericea* Lichtenstein, Darstellung neue oder wenig bek. Säugeth., pl. 41, f. 2, and text, 1834. Interior of Cape Colony, on the borders of "Kafferland."

*Chrysochloris affinis* Wagner, Schreber's Säugthiere, Suppl., 2: 123, footnote, 1844. No locality.

*Chrysochloris rutilans* Wagner, Schreber's Säugthiere, Suppl., 2: 125, 1844. "Kafferlande."

## AMBLYSOMUS HOTTENTOTUS ALBIFRONS (Broom)

*Chrysochloris hottentota albifrons* Broom, Trans. South African Philos. Soc., 18: 302, 24 Dec. 1907. Howick, Natal.

## AMBLYSOMUS HOTTENTOTUS ALBIROSTRIS (Wagner)

*Chrysochloris albirostris* Wagner, Schreber's Säugthiere, Suppl., 2: 124, 1841. "Kaffernland." "May prove to be distinct" (Thomas and Schwann). A subsp. of *hottentota* according to Broom, Ann. Transvaal Mus., 1: 15, 1908.

*Amblysomus hottentottus pondoliæ* Thomas and Schwann, Proc. Zool. Soc. London, 1: 260, 10 Aug. 1905. Notinsila, western Pondoland, Cape Colony.

AMBLYSOMUS HOTTENTOTUS GARNERI Roberts

*Amblysomus hottentottus garneri* Roberts, Ann. Transvaal Mus., 5: 278, 16 May 1917. Commissioner's residence, Piggs Peak, Swaziland, Transvaal.

AMBLYSOMUS HOTTENTOTUS IRIS Thomas and Schwann

*Amblysomus iris* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 18, p. 23, 25 Apl. 1905; Proc. Zool. Soc. London, 1: 259, pl. 16, f. 1, 10 Aug. 1905. Umvolosi Station, Zululand, Natal.

AMBLYSOMUS HOTTENTOTUS LONGICEPS (Broom)

*Chrysochloris hottentota longiceps* Broom, Trans. South African Philos. Soc., 18: 299, 24 Dec. 1907. Near Pietermaritzburg, Natal.

AMBLYSOMUS MARLEYI Roberts

*Amblysomus marleyi* Roberts, Ann. Transvaal Mus., 14: 225, 28 July 1931. Ubombo, Zululand, Natal.

Subgenus CHRYSOTRICA Broom

*Chrysotricha* Broom, Trans. South African Philos. Soc., 18: 303, 24 Dec. 1907.

As a subgenus of *Chrysochloris*, type *Chrysochloris obtusirostris* Peters; raised to generic rank by Roberts, Ann. Transvaal Mus., 18: 225, 21 Feb. 1936.

AMBLYSOMUS OBTUSIROSTRIS OBTUSIROSTRIS (Peters)

*Chrysochloris obtusirostris* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 467, 1851; Reise nach Mossambique, Säugeth., p. 70, pl. 18, f. 1; pl. 22, f. 18-23, 1852. Inhambane, Portuguese East Africa, lat. 24° S.

AMBLYSOMUS OBTUSIROSTRIS CHRYSILLUS Thomas and Schwann

*Amblysomus chrysillus* Thomas and Schwann, Proc. Zool. Soc. London, 1: 261, pl. 16, f. 2, 10 Aug. 1905. Delagoa Bay, Portuguese East Africa.

*Chrysotricha obtusirostris chrysilla* Roberts, Ann. Transvaal Mus., 18: 225, 21 Feb. 1936.

BEMATISCUS Cope

*Bematiscus* Cope, Amer. Naturalist, 26: 127, footnote, Feb. 1892. Genotype, *Chrysochloris villosus* A. Smith, see Thomas, Proc. Zool. Soc. London, 1: 259, 1905.

**BEMATISCUS RUFOPALLIDUS Roberts**

*Bematisclus rufopallidus* Roberts, Ann. Transvaal Mus., 10: 65, 31 Jan. 1924.  
Wakkerstroom, Transvaal.

**BEMATISCUS TRANSVAALENSIS TRANSVAALENSIS Broom**

*Bematisclus transvaalensis* Broom, Abstr. Proc. Zool. Soc. London, no. 121, p. 25,  
13 May 1913; Proc. Zool. Soc. London, p. 546, 1 Sep. 1913. Springs,  
Transvaal.

**BEMATISCUS TRANSVAALENSIS PRATENSIS (Roberts)**

*Chrysospalax pratensis* Roberts, Ann. Transvaal Mus., 4: 74, 20 Oct. 1913.  
Pretoria, Transvaal.

A subspecies of *B. transvaalensis* ?, see Roberts, Ann. Transvaal Mus.,  
10: 65, 31 Jan. 1924.

**BEMATISCUS VILLOSUS (A. Smith)**

*Chrysochloris villosus* A. Smith, South African Quart. Journ., 2: 81, 1833;  
Illustr. Zool. South Afr., Mamm., pl. 9 and text, 1839. "Towards Natal."

**CHLOROTALPA Roberts**

*Chlorotalpa* Roberts, Ann. Transvaal Mus., 10: 64, 31 Jan. 1924. Genotype  
*Chrysochloris duthieæ* Broom.

**CHLOROTALPA DUTHIÆ (Broom)**

*Chrysochloris duthieæ* Broom, Trans. South African Philos. Soc., 18: 292,  
24 Dec. 1907. Knysna, Cape Colony.

**CHLOROTALPA FOSTERI St. Leger**

*Chlorotalpa fosteri* St. Leger, Ann. Mag. Nat. Hist. (10) 8: 605, Dec. 1931.  
Mt. Elgon, Uganda, 9300 feet.

**CHLOROTALPA GUILLARMODI Roberts**

*Chlorotalpa guillarmodi* Roberts, Ann. Transvaal Mus., 18: 253, 21 Feb. 1936.  
Mamathes, northwestern Basutoland.

**CHLOROTALPA MONTANA Roberts**

*Chlorotalpa montana* Roberts, Ann. Transvaal Mus., 10: 64, 31 Jan. 1924.  
Kastrol Nek, east of Wakkerstroom, Transvaal, 6500 feet.

**CHLOROTALPA STUHLMANNI (Matschie)**

*Chrysochloris stuhlmanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 123,  
1894. Ukonjo and Kinyawanga, Ruwenzori region, Uganda.

## CHLOROTALPA TROPICALIS G. M. Allen and Loveridge

*Chlorotalpa tropicalis* G. M. Allen and Loveridge, Proc. Boston Soc. Nat. Hist., 38: 418, Dec. 1927. Bagilo, Uluguru Mountains, Tanganyika Territory, 6000 feet.

## CHRYSOCHLORIS Lacépède

## Subgenus CHRYSOCHLORIS Lacépède

*Chrysochloris* Lacépède, Tabl. des Mamm., p. 7, 1799; Buffon's Hist. Nat., Quadrupèdes, Didot ed., 14: 158, 1799. Genotype: included *C. capensis* and *C. rubra*, hence is *Talpa asiatica* Linnæus.

*Talpa*, *Sorex*, in part, of older authors.

## CHRYSOCHLORIS ASIATICA (Linnæus)

*Talpa asiatica* Linnæus, Syst. Nat., ed. 10, 1: 53, 1758. "In Sibiria."

*Talpa aurea* Pallas, in Schreber's Säugethiere, 3: 562, 1777. Cape of Good Hope; a substitute name for *asiatica* since the animal is not Asiatic.

*Talpa inaurata* Pallas, in Schreber's Säugethiere, pl. 157, 1777. Cape of Good Hope. In the text (3: 562) this plate is referred to *Talpa aurea*, of which the name becomes therefore a synonym.

*Sorex auratus* Vosmaer, Beschreibung Groeng. Mol., fig., 1787.

*Chrysochloris rubra* Lacépède and Daudin, in Lacépède's Tabl. des Mamm., p. 7, 1799. Cape of Good Hope.

*Chrysochloris capensis* Lacépède and Daudin, in Lacépède's Tabl. des Mamm., p. 7, 1799. Cape of Good Hope.

## CHRYSOCHLORIS BAYONI de Beaux

*Chrysochloris bayoni* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 60: 236, Sep. 1921. Robben Island, Cape Colony.

## CHRYSOCHLORIS CONGICUS Thomas

*Chrysochloris congicus* Thomas, Ann. Mag. Nat. Hist. (8) 5: 84, Jan. 1910. Lusambo, upper Sankuru River, south-central Congo Belge.

## CHRYSOCHLORIS DAMARENSIS Ogilby

*Chrysochloris damarensis* Ogilby, Proc. Zool. Soc. London, p. 5, July 1838. Damaraland, Southwest Africa.

## CHRYSOCHLORIS LEUCORHINA LEUCORHINA Huet

*Chrysochloris leucorhina* Huet, Nouv. Arch. Mus. d'Hist. Nat., Paris, (2) 8: 8, pl. 1, 1885. Coast of the Gulf of Guinea.

## CHRYSOCHLORIS LEUCORHINA CAHNI Schwarz and Mertens

*Chrysochloris leucorhina cahni* Schwarz and Mertens, Senckenbergiana, 4: 151, 30 Nov. 1922. Molundu, Ja River, southeastern Cameroons.

**CHRYSOCHLORIS MINOR** Roberts

*Chrysochloris minor* Roberts, Ann. Transvaal Mus., 6: 113, Apl. 1919. Klaver, on Olifants River, Cape Province.

**CHRYSOCHLORIS NAMAQUENSIS** Broom

*Chrysochloris namaquensis* Broom, Ann. Mag. Nat. Hist. (7) 19: 266, Mar. 1907. Garies, Namaqualand, Southwest Africa.

**CHRYSOCHLORIS SCLATERI** Broom

*Chrysochloris sclateri* Broom, Ann. Mag. Nat. Hist. (7) 19: 263, Mar. 1907. Beaufort West, Cape Colony.

**CHRYSOCHLORIS TENUIS** Broom

*Chrysochloris tenuis* Broom, Ann. Mag. Nat. Hist. (7) 19: 267, Mar. 1907. Garies, Namaqualand, Southwest Africa.

**CHRYSOCHLORIS VERMICULUS** Thomas

*Chrysochloris vermiculus* Thomas, Ann. Mag. Nat. Hist. (8) 5: 84, Jan. 1910. Yambuya, Aruwimi River, Congo Belge.

**CHRYSOCHLORIS WINTONI** Broom

*Chrysochloris wintoni* Broom, Ann. Mag. Nat. Hist. (7) 19: 264, Mar. 1907. Port Nolloth, Cape Colony.

**CHRYSOPALAX** Gill

*Chrysopalax* Gill, Standard Nat. Hist., 5 (Mammalia): 137, 26 Dec. 1883. As a subgenus; type *Chrysochloris trevelyani* Günther. See Roberts, Ann. Transvaal Mus., 10: 64, 31 Jan. 1924.

**CHRYSOPALAX DOBSONI** (Broom)

*Bematiscus dobsoni* Broom, Proc. Zool. Soc. London, p. 190, 18 Aug. 1918. Maritzburg, Natal.

**CHRYSOPALAX LESCHÆ** (Broom)

*Bematiscus leschæ* Broom, Proc. Zool. Soc. London, p. 189, 18 Aug. 1918. Isolo, Cape Colony.

**CHRYSOPALAX TREVELYANI** (Günther)

*Chrysochloris trevelyani* Günther, Proc. Zool. Soc. London, p. 311, Aug. 1875. Pirie forest, near King William's Town, Cape Province.

**EREMITALPA** Roberts

*Eremitalpa* Roberts, Ann. Transvaal Mus., 10: 63, 31 Jan. 1924. Genotype *Chrysochloris granti* Broom.

## EREMITALPA GRANTI (Broom)

*Chrysochloris granti* Broom, Ann. Mag. Nat. Hist. (7) 19: 265, Mar. 1907.

Garies, Namaqualand, Southwest Africa.

For Claud H. B. Grant.

## NEAMBLYSOMUS Roberts

*Neamblysomus* Roberts, Ann. Transvaal Mus., 10: 64, 31 Jan. 1924. Genotype

*Chrysochloris gunningi* Broom.

## NEAMBLYSOMUS GUNNINGI (Broom)

*Chrysochloris gunningi* Broom, Ann. Transvaal Mus., 1: 14, Apl. 1908. Woodbrush Hill, Zoutpansberg, Transvaal.

For Dr. J. W. B. Gunning, Director of Transvaal Mus.

## Family ERINACEIDÆ. Hedgehogs

See Thomas, O. The generic division of the Hedgehogs. Ann. Mag. Nat. Hist. (9) 1: 193-196, Feb. 1918. Cabrera, A. Genera Mammalium. Insectivora, Galeopithecia, 1925.

## ÆTHECHINUS Thomas. Four-toed Hedgehogs

*Æthechinus* Thomas, Ann. Mag. Nat. Hist. (9) 1: 194, Feb. 1918. Genotype

*Erinaceus algirus* Duvernoy and Lereboullet.

*Erinaceus* A. Smith, South African Quart. Journ., p. 10, 1831 (in part).

## ÆTHECHINUS ALGIRUS ALGIRUS (Duvernoy and Lereboullet)

*Erinaceus algirus* Duvernoy and Lereboullet, Mém. Soc. Mus. d'Hist. Nat.

Strasbourg, 3: art. QQ, 4, 1840. Oran, Algeria.

*Erinaceus fallax* Dobson, Monogr. Insectivora, 1: 9, 1882.

Range: Mogador to Tripoli.

## ÆTHECHINUS ALGIRUS CANICULUS (Thomas)

*Erinaceus algirus caniculus* Thomas, Ann. Mag. Nat. Hist. (8) 16: 152, Aug. 1915. Toston, Fuerte-ventura, Canary Islands.

*Erinaceus krugi* Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 78, 1877. Locality unknown, probably West Africa or southern Europe (type specimen killed in Mayaguez, Porto Rico).

## ÆTHECHINUS ALGIRUS LAUDAENI Cabrera

*Æthechinus algirus lavaudeni* Cabrera, Bol. Real Soc. Españ. Hist. Nat., Madrid, 28: 454, 30 Nov. 1928. Mogador, Morocco.



*Erinaceus diadematus* Dobson, Monogr. Insectivora, 1: 10, 1882 (part, not Fitzinger).

Range: Southern Morocco.

Named for Louis Lavauden, chief of the Forest Service of Madagascar, in recognition of his interest in mammals of No. Africa.

*ÆTHECHINUS FRONTALIS FRONTALIS* (A. Smith)

*Erinaceus frontalis* A. Smith, South African Quart. Journ., 2: 10, 29, 1831. Cape Colony.

*Erinaceus capensis* A. Smith, Philos. Mag., 9: 61, 1831 (nomen nudum).

*Erinaceus fractilis* Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 79, 1877 (lapsus for *frontalis*).

*ÆTHECHINUS FRONTALIS ANGOLÆ* Thomas

*Æthechinus angolæ* Thomas, Ann. Mag. Nat. Hist. (9) 1: 230, Mar. 1918. Benguella, Angola.

*Æthechinus frontalis angolæ* Thomas, Proc. Zool. Soc. London, p. 290, 29 Apl. 1926.

*ÆTHECHINUS SCLATERI* (Anderson)

*Erinaceus sclateri* Anderson, Proc. Zool. Soc. London, p. 415, fig., Oct. 1895. Somaliland.

### ATELERIX Pomel

*Aterix* Pomel, Arch. des Sci. Phys. et Nat. Gênevè, 9: 251, 1848. Genotype *Erinaceus albiventris* Wagner; type fixed by Thomas (Ann. Mag. Nat. Hist. (9) 1: 195, Feb. 1918).

*Erinaceus* Wagner, Schreber's Säugthiere, Suppl., 2: 22, 1841 (in part, not of Linnæus).

*Peroëchinus* Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, p. 565, 1866; 56: sect. 1, p. 856, 1867. Genotype *Erinaceus pruneri* Wagner.

*ATELERIX ALBIVENTRIS* (Wagner)

*E[rinaceus] albiventris* Wagner, Schreber's Säugthiere, Suppl., 2: 22, 1841. Locality unknown, but doubtless Senegambia. Regarded as unidentifiable by J. A. Allen (Bull. Amer. Mus. Nat. Hist., 47: 8, 1922) but see Allen, G.M., Journ. Mammalogy, 17: 62, Feb. 1936.

*Erinaceus adansonii* Rochebrune, Bull. Soc. Philom. Paris, (7) 7: 7, 1883. "Saint-Louis, Pointe de Barbarie, Cap Vert, Joalles, etc."

Range: Senegambia.

*ATELERIX PRUNERI PRUNERI* (Wagner)

*E[rinaceus] pruneri* Wagner, Schreber's Säugthiere, Suppl., 2: 23, 1841. Upper Nile, taken as Sennaar, where Pruner travelled.



*Erinaceus heterodactylus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1841, p. 227, 1842. Bahr-el-Abiad, Sennaar.

*Erinaceus diadematus* Fitzinger, Sitzb. K. Akad. Wiss. Wien, 56: sect. 1, p. 853, 1867. Sennaar and Kordofan.

ATELERIX PRUNERI ATRATUS (Rhoads)

*Erinaceus albiventris atratus* Rhoads, Proc. Acad. Nat. Sci., Philadelphia, p. 544, 8 Dec. 1896. Lake Rudolf, Ngare Nochor, Abyssinia.

ATELERIX PRUNERI HINDEI (Thomas)

*Erinaceus hindei* Thomas, Ann. Mag. Nat. Hist. (8) 5, 193, Feb. 1910. Kitui, Kenya Colony, 3500 feet.

*Erinaceus sotikæ* Heller, Smithsonian Misc. Coll., 56: no. 15, p. 1, 23 Dec. 1910. Southern Guaso Nyiro, Sotik District, Kenya Colony.

ATELERIX PRUNERI KILIMANUS Thomas

*Atelerix kilimanus* Thomas, Ann. Mag. Nat. Hist. (9) 1: 232, Mar. 1918. Rombo, Mt. Kilimanjaro, Tanganyika Territory, 5300 feet.

ATELERIX FARADJIUS J. A. Allen

*Atelerix faradjius* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 13, 20 July 1922. Faradje, northeastern Congo Belge.

ATELERIX LANGI J. A. Allen

*Atelerix langi* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 15, 20 July 1922. Faradje, northeastern Congo Belge.

ATELERIX SPICULUS (Thomas and Wroughton)

*Erinaceus spiculus* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 371, May 1907. Maifoni, near Lake Chad, Nigeria.

ATELERIX SPINIFEX Thomas

*Atelerix spinifex* Thomas, Ann. Mag. Nat. Hist. (9) 1: 231, Mar. 1918. Illela, Nigeria, 95 miles north of Sokoto.

HEMIECHINUS Fitzinger. Long-eared Hedgehogs

*Hemiechinus* Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, 565, 1866. Genotype *Erinaceus platyotis* Sundevall = *E. libycus* Hemprich and Ehrenberg. Included five species, without selection of genotype.

*Ericius* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1841, p. 223, 1842 (not Tilesius, 1813). Included seven species; no type designated.

*Erinaceus* (in part), Pallas, Nov. Comment. Acad. Petrop., 14: 593, 1770 (not Linnæus).

## HEMIECHINUS LIBYCUS (Hemprich and Ehrenberg)

*Erinaceus auritus* Geoffroy and Audouin, Descrip. de l'Égypte, 2: 737, pl. 5, f. 3, 1829 (not of Pallas). Borders of the Egyptian desert.

*Erinaceus libycus* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, sheet k, footnote, Sep. 1832. Libyan desert, near Alexandria, Egypt.

*Ericius platyotis* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1841, p. 232, 1842. Egypt.

*Erinaceus ægyptius* Rüppell, Mus. Senckenberg., 3: 159, 1842. Egypt. (Name based on Geoffroy, Descr. de l'Égypte, Mamm.).

## PARAECHINUS TROUESSART

*Paraechinus* Trouessart, Rev. et Mag. de Zool., (3) 7: 242, 1879. Genotype *Erinaceus micropus* Blyth.

*Macroechinus* Satunin, Annuaire Mus. Zool. Acad. Imp. Sci., St. Pétersbourg, 11: 189, Mar. 1907. Genotypes *Erinaceus hypomelanus* Brandt and *E. macracanthus* Blanford, of Asia.

## PARAECHINUS ÆTHIOPICUS (Hemprich and Ehrenberg)

*Erinaceus æthiopicus* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, sheet k, footnote, Sep. 1832. Deserts of Dongola, Anglo-Egyptian Sudan.

*Erinaceus senaariensis* Hedenborg, Oken's Isis, p. 8, 1839.

[*Erinaceus*] *brachydactylus* Wagner, Schreber's Säugthiere, Suppl., 2: 24, 1841. Egypt.

*Paraechinus æthiopicus* Cabrera, Genera Mamm., Insectivora, Galeopithecina, p. 70, pl. 7, fig. 4, 1925.

*Hemiechinus pallidus* Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, p. 565, 1866 (nomen nudum); 56: sect. 1, p. 866, 1867. Sennaar.

## PARAECHINUS DESERTI DESERTI (Loche)

*Erinaceus deserti* Loche, Cat. Mamm. et Oiseaux Algérie, p. 20, 1858. Exploration Sci. de l'Algérie, Zool., Mammifères, p. 93, 1867. Southern Sahara, in the oasis of the Beni-Mzab, Ouargla, and Tuggurt.

## PARAECHINUS DESERTI BLANCALIS Thomas

*Paraechinus deserti blancalis* Thomas, Ann. Mag. Nat. Hist. (9) 8: 570, Nov. 1921. Island of Djerba, southeastern Tunis.

## Family TENRECIDÆ. Tenrecs

## CRYPTOGALE G. Grandidier

*Cryptogale* G. Grandidier, Bull. Mus. d'Hist. Nat. Paris, 34: 64, 1928. Genotype *Cryptogale australis* G. Grandidier.

## CRYPTOGALE AUSTRALIS G. Grandidier

*Cryptogale australis* G. Grandidier, Bull. Mus. d'Hist. Nat. Paris, 34: 64, 1928. Grotte d'Andrahomana, south of Fort Dauphin, Madagascar.

## DASOGALE G. Grandidier

*Dasogale* G. Grandidier, Bull. Acad. Malgache, for 1928, p. 85, 1930. Genotype *Dasogale fontoynonti* G. Grandidier.

## DASOGALE FONTOYNONTI G. Grandidier.

*Dasogale fontoynonti* G. Grandidier, Bull. Acad. Malgache, for 1928, p. 85, 2 pls., 5 text-f., 1930. Forests of eastern Madagascar.

## ECHINOPS Martin

*Echinops* Martin, Proc. Zool. Soc. London, p. 17, July 1838. Genotype *Echinops telfairi* Martin.

*Echinogale* Wagner, Schreber's Säugth., Suppl., 2: iii, 29, 1841 (misprinted *Eghinogale* on p. 29). Genotype *Echinops telfairi* Martin.

## ECHINOPS TELFAIRI TELFAIRI Martin

*Echinops telfairi* Martin, Proc. Zool. Soc. London, p. 17, July 1838. Madagascar.

*Setiger setosus* Jentink, Notes Leyden Mus., 1: 142, July 1879 (in part, not Schreber).

*Echinops miwarti* A. Grandidier, Rev. et Mag. de Zool. (2) 21: 338, Sep. 1869. Tulear, Madagascar.

## ECHINOPS TELFAIRI NIGRESCENS (Petit)

*Ericulus (Echinops) telfairi nigrescens* Petit, Faune d. Colonies Françaises, Paris, 4: no. 5, pp. 570, 575, 1931. Southwest coast of Madagascar, Morombé to Androka.

## ECHINOPS TELFAIRI PALLESCENS Thomas

*Echinops telfairi pallescens* Thomas, Proc. Zool. Soc. London, p. 501, Oct. 1892. Manumbu, southern Madagascar.

## HEMICENTETES Mivart

*Hemicentetes* Mivart, Proc. Zool. Soc. London, p. 72, June 1871. Genotype  
*Erinaceus madagascariensis* Shaw.

*Erinaceus* Schreber, Säugth., 3: pl. 166, 1777 (in part).

*Setiger* E. Geoffroy, Catal. Mamm. Mus. d'Hist. Nat., Paris, p. 72, 1803 (in part).

*Centenes* G. Cuvier, Règne Anim., ed. 1, 1: 136, 1817 (in part).

*Centetes* Schinz and Brodtmann (not Illiger), Naturg. Abbild. Säugth., pl. 26, 1827.

*Ericius* Giebel, Zeitschr. Ges. Naturw., 37: 57, 1871 (not Tilesius 1813; not Sundevall 1841).

*Echinodes* Pomel, Arch. des Sci. Phys. et Nat., Genève, 9: 251, 1848 (nomen nudum).

## HEMICENTETES NIGRICEPS Günther

*Hemicentetes nigriceps* Günther, Ann. Mag. Nat. Hist. (4) 16: 125, Aug. 1875. Fienereentova, Madagascar.

*Hemicentetes variegatus*, var. *buffoni* Jentink, Notes Leyden Mus., 1: 150, July 1879. Madagascar.

## HEMICENTETES SEMISPINOSUS (G. Cuvier)

*Ericulus semispinosus* Cuvier, Tabl. Élém. d'Hist. Nat., p. 108, 1798. Madagascar.

*Erinaceus ecaudatus* Schreber, Säugth., 3: 584, 590, pl. 165\*, 1777. Madagascar.

*Erinaceus madagascariensis* Shaw, General Zool., Mamm., 1: pt. 2, p. 548, 1800 (not Zimmermann). Madagascar.

*Hemicentetes semispinosus variegatus* E. Geoffroy, Cat. Mamm. Mus. National d'Hist. Nat., Paris, p. 72, 1803.

## LEPTOGALE Thomas

*Leptogale* Thomas, Ann. Mag. Nat. Hist. (9) 1: 306, Apr. 1918. Genotype  
*Oryzoryctes gracilis* Major.

*Oryzoryctes* Major, Ann. Mag. Nat. Hist. (6) 18, 321, Oct. 1896 (in part, not Grandidier).

## LEPTOGALE GRACILIS (Major)

*Oryzoryctes gracilis* Major, Ann. Mag. Nat. Hist. (6) 18: 321, Oct. 1896. Madagascar, Ambohimombo Forest.

## LIMNOGALE Major

*Limnogale* Major, Ann. Mag. Nat. Hist. (6) 18: 318, Oct. 1896. Genotype  
*Limnogale mergulus* Major.

## LIMNOGALE MERGULUS Major

*Limnogale mergulus* Major, Ann. Mag. Nat. Hist. (6) 18: 319, Oct. 1896.  
Imasindrary, Betsileo, Madagascar.

## MICROGALE Thomas

*Microgale* Thomas, Journ. Linn. Soc. London, zool., 16: 319, 1882. Genotype  
*Microgale longicaudata* Thomas.

On the grouping of the described forms of the genus, see Grandidier, G.,  
Bull. Mus. National d'Hist. Nat. Paris (2) 6: 477, Nov. 1934.

## MICROGALE BREVICAUDATA G. Grandidier

*Microgale brevicaudata* G. Grandidier, Bull. Mus. d'Hist. Nat., Paris, 5: 349,  
1899. Mahanara, northeastern Madagascar.

## MICROGALE COWANI Thomas

*Microgale cowani* Thomas, Journ. Linn. Soc. London, zool., 16: 320, 1882.  
East Betsileo, Ankáfana Forest, Madagascar.

## MICROGALE CRASSIPES Milne-Edwards

*Microgale crassipes* Milne-Edwards, Ann. des Sci. Nat., zool. (7) 15: 98, 1893.  
Tananarive, Madagascar.

## MICROGALE DROUHARDI G. Grandidier

*Microgale drouhardi* G. Grandidier, Bull. Mus. d'Hist. Nat., Paris, (2) 6: 474,  
1934. Diego-Suarez, northern Madagascar.

## MICROGALE LONGICAUDATA Thomas

*Microgale longicaudata* Thomas, Journ. Linn. Soc. London, zool., 16: 320, 1882.  
East Betsileo, Ankáfana Forest, Madagascar.

## MICROGALE LONGIROSTRIS Major

*Microgale longirostris* Major, Ann. Mag. Nat. Hist. (6) 18: 321, Oct. 1896.  
Madagascar.

*Microgale cowani nigrescens* Elliot, Proc. Biol. Soc. Washington, 18: 237, 9 Dec.  
1905. Madagascar.

## MICROGALE MAJORI Thomas

*Microgale majori* Thomas, Ann. Mag. Nat. Hist. (9) 1: 305, Apr. 1918. East  
Betsileo, Ankáfana Forest, Madagascar.

## MICROGALE PARVULA G. Grandidier

*Microgale parvula* G. Grandidier, Bull. Mus. d'Hist. Nat., Paris, (2) 6: 476,  
1934. Diego-Suarez, northern Madagascar.

## MICROGALE PRINCIPULA Thomas

*Microgale principula* Thomas, Ann. Mag. Nat. Hist. (9) 17: 251, Feb. 1926.  
Midongy-du-Sud, southeastern Madagascar.

## MICROGALE PROLIXACAUDATA G. Grandidier

*Microgale proluxacaudata* G. Grandidier, Bull. Mus. d'Hist. Nat., Paris, (2) 9:  
348, ff. 2, 4, 6, Nov. 1937. Diego-Suarez region, extreme northern Madagascar.

## MICROGALE PUSILLA Forsyth Major

*Microgale pusilla* Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 462, Dec. 1896.  
Forest of the Independent Tanala of Ikongo, near Vinanitelo, Madagascar;  
also subfossil in Children's Cave, near Sirabé.

## MICROGALE SORELLA Thomas

*Microgale sorella* Thomas, Ann. Mag. Nat. Hist. (9) 17: 252, Feb. 1926. Be-  
forona Forest, inland of Andevorante, eastern Madagascar.

## MICROGALE TAIVA Forsyth Major

*Microgale taiva* Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 461, Dec. 1896.  
Ambohimitombo forest, Tanala country, Madagascar.

## MICROGALE THOMASI Major

*Microgale thomasi* Major, Ann. Mag. Nat. Hist. (6) 18: 320, Oct. 1896. Ampitambé Forest, northeastern Betsileo, Madagascar.

## NESOGALE Thomas

*Nesogale* Thomas, Ann. Mag. Nat. Hist. (9) 1: 303, Apr. 1918. Genotype  
*Microgale dobsoni* Thomas.

*Microgale* Thomas, Ann. Mag. Nat. Hist. (5) 14: 337, Nov. 1884 (in part).

## NESOGALE DOBSONI (Thomas)

*Microgale dobsoni* Thomas, Ann. Mag. Nat. Hist. (5) 14: 337, Nov. 1884. Nandén Forest, central Betsileo, Madagascar.

## NESOGALE TALAZACI (Major)

*Microgale talazaci* Major, Ann. Mag. Nat. Hist. (6) 18: 320, Oct. 1896. Forest  
of the Independent Tanala of Ikongo, near Vinanitelo, one day's journey  
south of Fianarantsoa, southern Betsileo, Madagascar.

## NESORYCTES Thomas

*Oryzorictes* Milne-Edwards and A. Grandidier, Le Naturaliste, 4: 55, 1 Apl.  
1882 (not Grandidier).

*Nesoryctes* Thomas, Ann. Mag. Nat. Hist. (9) 1: 307, Apr. 1918. Genotype  
*Oryzorictes tetradactylus* Milne-Edwards and A. Grandidier.

## NESORYCTES TETRADACTYLUS (Milne-Edwards and A. Grandidier)

*Oryzorictes tetradactylus* Milne-Edwards and A. Grandidier, Le Naturaliste, 4: 55, 1 Apl. 1882. Ampitambé, Sirabé, Imerina, Madagascar.

*Oryzorictes niger* Major, Ann. Mag. Nat. Hist. (6) 18: 322, Oct. 1896. Marshes near Sirabé, Ampitambé, Madagascar.

## ORYZORICTES A. Grandidier

*Oryzorictes* A. Grandidier, Rev. et Mag. de Zool. (2) 22: 50, 1870. Genotype *Oryzorictes hova* A. Grandidier.

*Oryzorictes* Trouessart, Rev. et Mag. de Zool. (3) 7: 275, 1879.

## ORYZORICTES HOVA A. Grandidier

*Oryzorictes hova* A. Grandidier, Rev. et Mag. de Zool. (2) 22: 50, 1870. Ankaye and Antsianak, Madagascar.

## ORYZORICTES TALPOIDES G. Grandidier and Petit

*Oryzorictes talpoides* G. Grandidier and Petit, Bull. Mus. d'Hist. Nat. Paris, (2) 2: 498, June 1930. Rizières de Marovoay, Province de Majunga, Madagascar.

## PARAMICROGALE G. Grandidier and Petit

*Paramicrogale* G. Grandidier and Petit, Bull. Soc. Zool. de France, 56: 127, 15 June 1931. Genotype *Paramicrogale occidentalis* G. Grandidier and Petit.

## PARAMICROGALE DECARYI (G. Grandidier)

*Microgale decaryi* G. Grandidier, Bull. Mus. d'Hist. Nat. Paris, 34: 69, 1928. Grotte d'Andrahomana, south of Fort-Dauphin, Madagascar.

*Paramicrogale decaryi* G. Grandidier and Petit, Bull. Soc. Zool. de France, 56: 138, 15 June 1931.

## PARAMICROGALE OCCIDENTALIS G. Grandidier and Petit

*Paramicrogale occidentalis* G. Grandidier and Petit, Bull. Soc. Zool. de France, 56: 129, 3 text-f., 15 June 1931. Region of Maintirano, Madagascar.

## SETIFER FRIEIP. Madagascan Hedgehog

*Erinaceus* Schreber, Säugth., 3: 583, 1777 (in part).

*Setiger* E. Geoffroy, Catal. Mamm. Mus. National d'Hist. Nat., Paris, p. 72, 1803 (in part).

*Setifer* Frieip, in Duméril, Analit. Zool. mit Zusätzen, p. 15, 1806. Genotype *Erinaceus setosus* Schreber.

*Centetes* Illiger, Prodr. Syst. Mamm. et Avium, p. 124, 1811 (in part).

*Centenes* Cuvier, Règne Anim., ed. 1, 1: 136, 1817 (in part).

*Ericulus* I. Geoffroy, Ann. des Sci. Nat., zool. (2) 8: 60, 1837. No type designated.



## SETIFER SETOSUS (Schreber)

*Erinaceus setosus* Schreber, Säugth., 3: 583, 590, pl. 164, 1777. Madagascar.

*Erinaceus acanthurus* Boddært, Elenchus Anim., p. 129, 1785. Madagascar.

*Centenes spinosus* Desmarest, Encyclop. Méthodique, Mammalogie, 1: 162, 1820. Madagascar.

*Ericulus nigrescens* I. Geoffroy, Mag. de Zool., Mammifères, (2) 1: 29, 32, pl. 3, 4, 1839. Madagascar.

*Ericulus nigricans* Bartlett, Proc. Zool. Soc. London, p. 64, June 1875 (nomen nudum).

*Setifer madagascariensis* Zimmermann, Specimen Zool., p. 503, 1777 (in part).

## TENREC Lacépède. The Tenrec

*Tenrec* Lacépède, Tabl. Mamm., p. 7, 1799. Genotype *Erinaceus ecaudatus* Schreber.

*Tenrecus* Desmarest, Encyclop. Méthodique, Mammalogie, 1: 161, 1820 (in synonymy).

## TENREC ECAUDATUS (Schreber)

*Erinaceus ecaudatus* Schreber, Säugth., 3: 584, pl. 165, 1777. Madagascar.

*Tenrec madagascariensis* Zimmermann, Specimen Zool., p. 503, 1777 (in part).

*Erinaceus tendrec* Borowski, Gemeinnützige Naturgesch. d. Thierreichs, (Berlin), 1: pt. 2, 98, 1780. East Indies and Madagascar. "It does not seem possible to identify the animal" (Kellogg, R., Proc. Biol. Soc. Washington, 45: 147, 9 Sep. 1932).

*Erinaceus tanrec* Boddært, Elenchus Anim., p. 129, 1785.

*Centetes armatus* I. Geoffroy, Ann. des Sci. Nat., zool., (2) 8: 60, 1837. Madagascar.

Range: Comoros, Nosi Bé, Madagascar.

## Family POTAMOGALIDÆ

## POTAMOGALE DuChaillu

*Potamogale* DuChaillu, Proc. Boston Soc. Nat. Hist., 7: 363, Nov. 1860. Genotype *Cynogale velox* DuChaillu.

*Cynogale* DuChaillu, Proc. Boston Soc. Nat. Hist., 7: 361, 1860 (in part, not Gray).

*Mythomys* Gray, Proc. Zool. Soc. London, for 1861, p. 275, Apl. 1862. Genotype *Cynogale velox* DuChaillu.

*Bayonia* Bocage, Mem. Acad. Sci., Lisbon, 1 class, 4: 1, Mem. 2, p. 3, 1865; Proc. Zool. Soc. London, p. 402, 2 text-f. (skull), Oct. 1865. Genotype *Potamogale velox* DuChaillu.



## POTAMOGALE VELOX DuChaillu

*Potamogale velox* DuChaillu, Proc. Boston Soc. Nat. Hist., 7: 361, 1860.  
Equatorial Africa = Gaboon.

*P[otamogale] allmani* Jentink, Notes Leyden Mus., 16: 236, Mar. 1895. Old Calabar. Indistinguishable from typical *velox* (Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 8, 20 July 1922).

*Potamogale velox argens* Thomas, Ann. Mag. Nat. Hist. (8) 16: 470, Dec. 1915. Medje, Congo Belge (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 6, 20 July 1922, by whom this is shown to be identical with the typical form).

Range: Cameroons to Angola and Congo Belge.

## GEOGALE Milne-Edwards and A. Grandidier

*Geogale* Milne-Edwards and A. Grandidier, Ann. des Sci. Nat., zool. (5) 15: 1, 1872. Genotype *Geogale aurita* Milne-Edwards and A. Grandidier.

## GEOGALE AURITA AURITA Milne-Edwards and A. Grandidier

*Geogale aurita* Milne-Edwards and A. Grandidier, Ann. des Sci. Nat., zool. (5) 15: 1, 1872. Tulear and Murundava, western Madagascar.

## GEOGALE AURITA ORIENTALIS G. Grandidier and Petit

*Geogale aurita orientalis* G. Grandidier and Petit, Faune des Colonies Françaises, 4: no. 4, 446, 1930. Fénerive, Madagascar.

## Family SORICIDÆ. Shrews

## CROCIDURA Wagler. White-toothed Shrews

*Crocidura* Wagler, Oken's Isis, p. 275, 1832. Genotype *Sorex leucodon* Hermann.

*Rhinomys* Murray, Proc. Roy. Phys. Soc. Edinburgh, 2: 159, 1860. Genotype *Rhinomys soricoides* Murray = ?

*Leucodon* Fatio, Faune Vertéb. Suisse, 1: 132, 1869. Genotype *Leucodon microurus* Fatio = *Sorex leucodon* Hermann.

*Paurodus* Schulze, Helios, Abh. u. Vorträge aus Gesamtgebiete Naturwiss., 14: 90, 1897. As a subgenus of *Crocidura*; included *Sorex leucodon* Hermann and *S. araneus* Schreber (= *Crocidura russula* fide Miller) of which the former is here designated the type.

*Heliosorex* Heller, Smithsonian Misc. Coll., 56: no. 15, p. 6, pl. 1, 23 Dec. 1910. Genotype *Heliosorex roosevelti* Heller. A synonym of *Crocidura*, fide Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 1, p. 68, 1918.

Review and keys: Thomas, O. On shrews from British East Africa. Ann. Mag. Nat. Hist. (7) 14: 236-241, Sep. 1904.

Dollman, Guy. On the African shrews belonging to the genus *Crocidura*. Ann. Mag. Nat. Hist. (8) 15: 507-527, May 1915; 562-575, June 1915; (8) 16: 66-80, July 1915; 124-146, Aug. 1915; 357-380, Oct. 1915; 506-514, Dec. 1915; (8) 17: 188-209, Feb. 1916.

NOTE—*Crossopus fodiens* is credited to Algeria by Loche (Explor. Sci. de l'Algérie, Zool., Mammifères, p. 88, 1867), but no doubt erroneously. *Sorex araneus*, *S. tetragonurus*, *Crocidura leucodon*, listed by Loche (Explor. Sci. de l'Algérie, pp. 84, 86, 87, 88, 1867) are probably *C. r. agilis* or other species of *Crocidura*.

#### CROCIDURA ALBICAUDA Peters

*Crocidura albicauda* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, 1866: 885, ?1867. Angasilia, Comoro Islands.

#### CROCIDURA ALLEX ALLEX Osgood

*Crocidura allex* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 20, 7 Apl. 1910. Naivasha, Kenya Colony.

#### CROCIDURA ALLEX ALPINA Heller

*Crocidura alpina* Heller, Smithsonian Misc. Coll., 56: no. 9, p. 5, 22 July 1910. West slope of Mt. Kenya, 10,000 feet, Kenya Colony.

*Crocidura allex alpina* Hollister, Bull. U. S. Nat. Mus., no. 99: pt. 1, p. 68, 1918.

#### CROCIDURA ANCHIETÆ Bocage

*Crocidura anchietae* Bocage, Journ. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 26, Mar. 1889. Caconda, Angola.

#### CROCIDURA ANSORGEI Dollman

*Crocidura ansorgei* Dollman, Ann. Mag. Nat. Hist. (8) 15: 511, May; 16: 138, Aug. 1915. Duque de Bragança, Angola.

#### CROCIDURA ARETHUSA Dollman

*Crocidura arethusa* Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 144, Aug. 1915. Kabwir, Bauchi Province, northern Nigeria.

#### CROCIDURA ARGENTATA (Sundevall)

*Sorex argentatus* Sundevall, in Grill, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 2: no. 10, p. 16, footnote, 1860. Roodeval, Karroo, South Africa.

#### CROCIDURA ARIDULA Thomas and Hinton

*Crocidura aridula* Thomas and Hinton, Proc. Zool. Soc. London, p. 252, July 6, 1923. Kulme, Wadi Aribi, Darfur, 3300 feet.

*CROCIDURA BAILEYI* Osgood

*Crocidura baileyi* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 225, 28 Dec. 1936. Ras Dashan (Mt. Geech), Simien Mts., Ethiopia.  
For Alfred M. Bailey, coll.

*CROCIDURA BATESI* Dollman

*Crocidura batesi* Dollman, Ann. Mag. Nat. Hist. (8) 15: 510, May; 16: 143, Aug. 1915. Como River, Gaboon.

*CROCIDURA BEIRÆ BEIRÆ* Dollman

*Crocidura beiræ* Dollman, Ann. Mag. Nat. Hist. (8) 15: 511, May; 16: 69, July 1915. Beira, Portuguese East Africa.

*CROCIDURA BEIRÆ NYIKÆ* Dollman

*Crocidura beiræ nyikæ* Dollman, Ann. Mag. Nat. Hist. (8) 15: 512, May; 16: 70, July 1915. Nyika plateau, northern Nyasaland, 6-7000 feet.

*CROCIDURA BETA* Dollman

*Crocidura beta* Dollman, Ann. Mag. Nat. Hist. (8) 15: 513, May; 16: 78, July 1915. "Charnia" River, Kenya Colony; = Chania River, near Nyeri and Fort Hall.

*CROCIDURA BICOLOR BICOLOR* Bocage

*Crocidura bicolor* Bocage, Journ. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 29, Mar. 1889. "Gambos, dans l'intérieur de Mossamedes", Angola.

*CROCIDURA BICOLOR CUNINGHAMEI* Thomas

*Crocidura cuninghamei* Thomas, Ann. Mag. Nat. Hist. (7) 14: 240, Sep. 1904. Island one mile north of Sajitu Id., Victoria Nyanza.

*CROCIDURA BICOLOR ELGONIUS* Osgood

*Crocidura bicolor elgonius* Osgood, Ann. Mag. Nat. Hist. (8) 5: 369, Apl. 1910. Kirui, Mt. Elgon, Kenya Colony.

*CROCIDURA BICOLOR HENDERSONI* Dollman

*Crocidura bicolor hendersoni* Dollman, Ann. Mag. Nat. Hist. (8) 15: 517, May 1915; 17: 189, Feb. 1916. Nyasaland.

*CROCIDURA BICOLOR NANA* Dobson

*Crocidura nana* Dobson, Ann. Mag. Nat. Hist. (6) 5: 225, Mar. 1890. Dollo, Somaliland.

*Crocidura bicolor nana* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 229, 28 Dec. 1936.

## CROCIDURA BICOLOR NANILLA Thomas

*Crocidura nanilla* Thomas, Ann. Mag. Nat. Hist. (8) 4: 99, Aug. 1909. Probably Entebbe, Uganda.

According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 230, 28 Dec. 1936) this is probably a race of *C. bicolor*.

*Crocidura nancilla* St. Leger, Ann. Mag. Nat. Hist. (10) 9: 240, Mar. 1932 (lapsus cal. for *nanilla*).

## CROCIDURA BICOLOR PLANICEPS Heller

*Crocidura planiceps* Heller, Smithsonian Misc. Coll., 56: no. 15, p. 5, 23 Dec. 1910. Rhino Camp, Lado Enclave.

*Crocidura bicolor planiceps* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 1, p. 67, 1918.

## CROCIDURA BICOLOR RUDOLFI St. Leger

*Crocidura denti* St. Leger, Ann. Mag. Nat. Hist. (10) 9: 240, Mar. 1932. Koliokwell River, Lake Rudolf, Uganda (not *C. jacksoni denti* Dollman, 1915).

*Crocidura rudolfi* St. Leger, Ann. Mag. Nat. Hist. (10) 10: 487, Nov. 1932 (in place of *C. denti* St. Leger, not *C. jacksoni denti* Dollman, 1915). Koliokwell River, Lake Rudolf, Uganda.

According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 230, 28 Dec. 1936) this is probably a race of *C. bicolor*.

## CROCIDURA BICOLOR WOOSNAMI Dollman

*Crocidura bicolor woosnami* Dollman, Ann. Mag. Nat. Hist. (8) 15: 516, May 1915; 17: 189, Feb. 1916. Lake Ngami, Bechuanaland, South Africa.

## CROCIDURA BOLIVARI Morales Agacino

*Crocidura bolivari* Morales Agacino, Bol. Soc. Españ. Hist. Nat., Madrid, 34: 93, f. 1, 1 Apl. 1934. Villa Cisneros, Rio de Oro.

## CROCIDURA BOTTEGI Thomas

*Crocidura* (*Cr.*) *bottegi* Thomas, Ann. Mus. Civ. Stor. Nat. Genova, (2): 18, 677, 21 Feb. 1898. Northeast of Lake Rudolf, Abyssinia, between Badditú and Dimé.

## CROCIDURA BOVEI Dobson

*Crocidura bovei* Dobson, Ann. Mus. Civ. Stor. Nat. Genova, (2) 5: 425, fig., 25 Oct. 1887. Vivi, Lower Congo, Congo Belge.

## CROCIDURA BOYDI Dollman

*Crocidura boydi* Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 357, Oct. 1915. Titebbi, Uele River.

*CROCIDURA BÜTTIKOFERI* Jentink

*Crocidura büttikoferi* Jentink, Notes Leyden Mus., 10: 47, Apl. 1888. Robertsport, Liberia.

*CROCIDURA BUTLERI* Thomas

*Crocidura butleri* Thomas, Ann. Mag. Nat. Hist. (8) 8: 375, Sep. 1911. Between Chakchak and Dem Zubeir, Bahr-el-Ghazal, Sudan.

*CROCIDURA CALIGINEA* Hollister

*Crocidura caliginea* Hollister, Bull. Amer. Mus. Nat. Hist., 35: 664, pl. 7, f. 1; pl. 8, ff. 1, 1a, 21 Oct. 1916. Medje, Congo Belge.

*CROCIDURA CAPENSOIDES* (A. Smith)

*Sorex capensoides* A. Smith, South African Quart. Journ., 2: 62, 1833. Near Cape Town, South Africa.

*CROCIDURA CHITAUENSIS* Hill and Carter

*Crocidura chitauensis* Hill and Carter, Amer. Mus. Novitates, no. 937, p. 3, 13 July 1937. Chitau, Angola, 4930 feet.

*CROCIDURA CINDERELLA* Thomas

*Crocidura cinderella* Thomas, Ann. Mag. Nat. Hist. (8) 8: 119, July 1911: Gemenjulla, French Gambia.

*CROCIDURA CONGOBELGICA* Hollister

*Crocidura congobelgica* Hollister, Bull. Amer. Mus. Nat. Hist., 35: 670, pl. 7, f. 6; pl. 9, f. 3, 3a, 21 Oct. 1916. Lubila, Bafwasende, Congo Belge.

*CROCIDURA CROSSEI* Thomas

*Crocidura* (*Cr.*) *crossei* Thomas, Ann. Mag. Nat. Hist. (6) 16: 53, July 1895. Asaba, 150 miles up the Niger.

*CROCIDURA CUANZENSIS* Hill and Carter

*Crocidura cuanzensis* Hill and Carter, Amer. Mus. Novitates, no. 937, p. 2, 13 July 1937. Chitau, Angola, 4930 feet. Near to *C. katharina*.

*CROCIDURA CYANEA* (Duvernoy)

*Sorex cyaneus* Duvernoy, Mém. Soc. d'Hist. Nat. Strasbourg, 2: pt. 3, paper LL, p. 2, 1838; Mag. de Zool., 1842, p. 21, pl. 40, 41. "La rivière des Eléphants, au sud de l'Afrique."

*Sorex infumatus* Wagner, Schreber's Säugthiere, Suppl., 2: 76, 1841; 5: 562, 1855. Cape of Good Hope.

*CROCIDURA DARFUREA* Thomas and Hinton

*Crocidura darfurea* Thomas and Hinton, Proc. Zool. Soc. London, p. 251,  
6 July 1923. Zalingei, Darfur.

*CROCIDURA DESERTI* Schwann

*Crocidura deserti* Schwann, Proc. Zool. Soc. London, p. 103, 7 June 1906.  
Molopo River, west of Morokwen, Bechuanaland.

*CROCIDURA DOLICHURA* Peters

*Crocidura (Croc.) dolichura* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin,  
p. 475, pl. 2, f. 1, 1876. Bonjongo, Cameroons.

*CROCIDURA ELECTA* Dollman

*Crocidura electa* Dollman, Ann. Mag. Nat. Hist. (8) 5: 175, Feb. 1910. Kam-  
toby, south of Lake Tanganyika, Rhodesia.

*CROCIDURA ERICA* Dollman

*Crocidura erica* Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 145,  
Aug. 1915. Pungo Andongo, Angola.

*CROCIDURA FERRUGINEA* Heuglin

*Crocidura ferruginea* Heuglin, Leopoldina, 5: 36, June 1865, in Nova Acta  
Acad. Cæs. Leop.-Carol., Dresden, 1865. "Lande der Ridj-neger",  
Bahr-el-Ghazal, Anglo-Egyptian Sudan.  
Probably indeterminable (Dollman).

*CROCIDURA FISCHERI* Pagenstecher

*Crocidura fischeri* Pagenstecher, Jahrb. Wiss. Anst., Hamburg, 2: 34, pl. 1, f.  
1-3, 1885. Nguruman, Tanganyika Territory.

*CROCIDURA FLAVESCENS* (I. Geoffroy)

*Sorex flavescens* I. Geoffroy, Dictionnaire Class., 11: 324, 1827; Mém. Mus.  
d'Hist. Nat. Paris, 15: 126, 1827. "La Cafrérie et le pays des Hotten-  
tots."

*Sorex capensis* A. Smith, South African Quart. Journ., 2: 62, 1833 (not Smuts;  
not Geoffroy); Ill. Zool. South Africa, Mamm., pl. 45, fig. 1, Mar. 1845.

*Sorex cinnamomeus* Lichtenstein, Verh. Ges. Naturf. Freunde, Berlin, 2: 381,  
1829.

*Sorex rutilus* Sundevall, Öfversigt af Kongl. Vet.-Akad. Förhandl., Stockholm,  
3: no. 4, p. 119, note, 1846. Port Natal.

(New name for *S. flavescens* Smith, Ill. Zool. So. Afr., descr. to Pl. 45, but  
not *S. flavescens* I. Geoff., which has much shorter tail.)

## CROCIDURA FLOWERI Dollman

*Crocidura floweri* Dollman, Ann. Mag. Nat. Hist. (8) 15: 515, May 1915; 17: 192, Feb. 1916. Gizeh, Egypt.

## CROCIDURA FOXI Dollman

*Crocidura foxi* Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 143, Aug. 1915. Panyam, northern Nigeria, 4000 feet.

## CROCIDURA FULVA STRA (Sundevall)

*Sorex fulvaster* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 172, 1843. Bahr-el-Abiad, Sudan.

*Crocidura strauchii* Dobson, Ann. Mag. Nat. Hist. (6) 5: 225, Mar. 1890. Sudan. According to Dollman and to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 227, 28 Dec. 1936) this is probably a synonym of *C. fulvastra*.

## CROCIDURA FUMOSA FUMOSA Thomas

*Crocidura fumosa* Thomas, Ann. Mag. Nat. Hist. (7) 14: 238, Sep. 1904. Western slope of Mt. Kenya, Kenya Colony, 2600 m.

*Crocidura alchemillæ* Heller, Roosevelt's African Game Trails, Amer. ed., p. 480; London ed., p. 491, 1910. Summit of Aberdare range, Kenya Colony. Range: Central Kenya Colony.

## CROCIDURA FUMOSA JOHNSTONI Dollman

*Crocidura fumosa johnstoni* Dollman, Ann. Mag. Nat. Hist. (8) 15: 510, May; 16: 372, Oct. 1915. Chiromo, Nyasaland.

## CROCIDURA FUMOSA MACMILLANI Dollman

*Crocidura luna macmillani* Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 360, Oct. 1915. Kotelee, Walamo, Abyssinia.

*Crocidura fumosa macmillani* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 227, 28 Dec. 1936.

## CROCIDURA FUMOSA MONTIS Thomas

*Crocidura fumosa montis* Thomas, Ann. Mag. Nat. Hist. (7) 18: 138, Aug. 1906. Ruwenzori East, Uganda, 12,500 feet.

## CROCIDURA FUMOSA SCHISTACEA Osgood

*Crocidura fumosa schistacea* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 20, 7 Apl. 1910. Lukenya Mountain, Kenya Colony.

*Crocidura luna umbrosa* Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 360, Oct. 1915. Machakos, Kenya Colony, 5400 feet. According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 228, 28 Dec. 1936) this is a synonym of *C. f. schistacea*.



## CROCIDURA FUMOSA SELINA Dollman

*Crocidura fumosa selina* Dollman, Ann. Mag. Nat. Hist. (8) 15: 510, May; 16: 370, Oct. 1915. Mabira Forest, Chagwe, Uganda.

## CROCIDURA FUSCO-MURINA (Heuglin)

*S[orex] fusco murinus* Heuglin, Leopoldina, 5: 36, June 1865, in Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 1865. Meshra-el-Req, Bahr-el-Ghazal, Anglo-Egyptian Sudan. Probably indeterminable (Dollman).

## CROCIDURA FUSCOSA Thomas

*Crocidura doriana fuscosa* Thomas, Ann. Mag. Nat. Hist. (8) 12: 90, July 1913. Kaka, White Nile.

## CROCIDURA GEOFFROYI (J. B. Fischer)

*Sorex geoffroyi* J. B. Fischer, Synopsis Mamm., Addenda, p. 664, 1830. Mauritius ("in insula Franciæ").

## CROCIDURA GIFFARDI de Winton

*Crocidura* (*Cr.*) *giffardi* de Winton, Ann. Mag. Nat. Hist. (7) 2: 484, Dec. 1898. Moshi (or Mossi) near Wagadugu, 500 miles northeast of Kumasi, Gold Coast.

## CROCIDURA GLEBULA Dollman

*Crocidura glebula* Dollman, Ann. Mag. Nat. Hist. (8) 15: 517, May 1915; 17: 196, Feb. 1916. Zungeru, northern Nigeria.

## CROCIDURA GRACILIPES Peters

*Crocidura* (*Cr.*) *gracilipes* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 590, 1870. Kilimanjaro, Tanganyika Territory.

## CROCIDURA HEDENBORGIANA (Sundevall)

*Sorex hedenborgianus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 171, 1843. Sennaar.

*Sorex hedenborgi* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 177, 1843 (lapsus), also on p. 199.

## CROCIDURA HILDEGARDEÆ HILDEGARDEÆ Thomas

*Crocidura hildegardeæ* Thomas, Ann. Mag. Nat. Hist. (7) 14: 240, Sep. 1904. Fort Hall, Kenya Colony.

*Crocidura maanjæ* Heller, Smithsonian Misc. Coll., 56: no. 15, p. 4, 23 Dec. 1910. Kabula Muliro, Uganda.

*Crocidura lutreola* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 8, 4 Nov. 1912. Mt. Mbololo, Taita Hills, Kenya Colony.

*Crocidura hildegardeæ procera* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 10, 4 Nov. 1912. Mt. Lololokui, northern Guaso Nyiro, Kenya Colony.



*Crocidura macowi* Dollman, Ann. Mag. Nat. Hist. (8) 15: 515, May; 16: 378, Oct. 1915. Mt. Nyiro, south of Lake Rudolf, Kenya Colony. According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 229, 28 Dec. 1936) this is a synonym of *C. h. hildegardæ*.

*Crocidura ibeana* Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 362, Oct. 1915. Olgerei River, Kenya Colony. According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 229, 28 Dec. 1936) this is a synonym of *C. h. hildegardæ*.

CROCIDURA HILDEGARDEÆ ALTÆ Heller

*Crocidura hildegardæ altæ* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 9, 4 Nov. 1912. Mt. Garguez, Mathews Range, Kenya Colony, 6000 feet.

CROCIDURA HILDEGARDEÆ PHÆURA Osgood

*Crocidura hildegardæ phæura* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 228, 28 Dec. 1936. West base of Mt. Guramba, northeast of Allata, Sidamo, Ethiopia.

CROCIDURA HILDEGARDEÆ RUBECULA Dollman

*Crocidura hildegardæ rubecula* Dollman, Ann. Mag. Nat. Hist. (8) 15: 515, May; 16: 509, Dec. 1915. Kigezi, Uganda, 6000 feet.

CROCIDURA HINDEI HINDEI Thomas

*Crocidura hindei* Thomas, Ann. Mag. Nat. Hist. (7) 14: 237, Sep. 1904. Machakos, Kenya Colony.

CROCIDURA HINDEI DIANA Dollman

*Crocidura hindei diana* Dollman, Ann. Mag. Nat. Hist. (8) 15: 512, May; 16: 76, July 1915. Lake Chad.

CROCIDURA HINDEI MARRENSIS Thomas and Hinton

*Crocidura hindei marrensis* Thomas and Hinton, Proc. Zool. Soc. London, p. 252, 6 July 1923. Wadi Konger, east-central Jebel Marra, Darfur.

CROCIDURA HIRTA HIRTA Peters

*Crocidura hirta* Peters, Reise nach Mossambique, Säuegeth., p. 78, pl. 18, f. 2, 1852. Tette, Mozambique, 17° S.

*Crocidura canescens* Peters, Reise nach Mossambique, Säuegeth., p. 83, pl. 18, f. 4, 1852. Tette, Mozambique, 17° S.

*Crocidura annellata* Peters, Reise nach Mossambique, Säuegeth., p. 85, pl. 18, f. 5, 1852. Tette, Mozambique, 17° S.

CROCIDURA HIRTA FLAVIDULA Thomas and Schwann

*Crocidura flavescens flavidula* Thomas and Schwann, Proc. Zool. Soc. London, 1: 264, 10 Aug. 1905. Umvolosi, Zululand, Natal.

*CROCIDURA HIRTA MUTESÆ* Heller

*Crocidura mutesæ* Heller, Smithsonian Misc. Coll., 56: no. 15, p. 3, 23 Dec. 1910.  
Kampala, Uganda.

*Crocidura hirta mutesæ* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 225, 28 Dec. 1936.

*CROCIDURA HIRTA PONDOENSIS* Roberts

*Crocidura pondoensis* Roberts, Ann. Transvaal Mus., 4: 71, 20 Oct. 1913.  
Ngqeleni district, Pondoland, South Africa.

*CROCIDURA HIRTA SUAHELÆ* Heller

*Crocidura suahelæ* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 6, 4 Nov. 1912.  
Mazeras, Kenya Colony.

*Crocidura hirta suahelæ* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 225, 28 Dec. 1936.

*CROCIDURA HOLOBRUNNEUS* Roberts

*Crocidura holobrunneus* Roberts, Ann. Transvaal Mus., 14: 225, 28 July 1931.  
Mariepskop, Pilgrimsrest district, Transvaal.  
Range: Transvaal to Zululand.

*CROCIDURA JACKSONI JACKSONI* Thomas

*Crocidura jacksoni* Thomas, Ann. Mag. Nat. Hist. (7) 14: 238, Sep. 1904.  
Ravine Station, Kenya Colony.

*CROCIDURA JACKSONI AMALÆ* Dollman

*Crocidura jacksoni amalæ* Dollman, Ann. Mag. Nat. Hist. (8) 15: 516, May; 16: 376, Oct. 1915. Amala River, Nyanza Province, Kenya Colony.

*CROCIDURA JACKSONI DENTI* Dollman

*Crocidura jacksoni denti* Dollman, Ann. Mag. Nat. Hist. (8) 15: 516, May; 16: 377, Oct. 1915. Between Mawambi and Avakubi, Ituri Forest, Congo Belge.

*CROCIDURA KATHARINA* Kershaw

*Crocidura katharina* Kershaw, Ann. Mag. Nat. Hist. (9) 10: 101, July 1922.  
N'dola, Northern Rhodesia, 12° 50' S., 28° 40' E.

*CROCIDURA LANGI* Cabrera

*Crocidura langi* Cabrera, Bol. Real Soc. Española Hist. Nat. Madrid, 25: 21, 30 Jan. 1925. St. Joseph de Luluaberg, Kasai, Congo Belge.

*CROCIDURA LATONA* Hollister

*Crocidura latona* Hollister, Bull. Amer. Mus. Nat. Hist., 35: 667, pl. 7, f. 3; pl. 8, f. 3, 3a, 21 Oct. 1916. Medje, Congo Belge.

## CROCIDURA LITTORALIS Heller

*Crocidura littoralis* Heller, Smithsonian Misc. Coll., 56: no. 15, p. 5, 23 Dec. 1910. Butiaba, east shore of Albert Nyanza, Uganda.

## CROCIDURA LUDIA Hollister

*Crocidura ludia* Hollister, Bull. Amer. Mus. Nat. Hist., 35: 668, pl. 7, f. 4; pl. 9, f. 1, 1a, 21 Oct. 1916. Medje, Congo Belge.

## CROCIDURA LUIMBALENSIS Hill and Carter

*Crocidura luimbalensis* Hill and Carter, Amer. Mus. Novitates, no. 937, p. 1, 13 July 1937. Luimbale, Angola.

## CROCIDURA LULUÆ Matschie

*Crocidura luluæ* Matschie, Zeitschr. f. Säugetierk., 1: 111, 24 Dec. 1926. Kapelekese, near Luluaberg, Lulua River, Congo Belge.

## CROCIDURA LUNA Dollman

*Crocidura luna* Dollman, Ann. Mag. Nat. Hist. (8) 5: 175, Feb. 1910. Bunkeya River, Katanga, Congo Belge.

## CROCIDURA LUSITANIA Dollman

*Crocidura lusitania* Dollman, Ann. Mag. Nat. Hist. (8) 15: 516, May 1915; 17: 198, Feb. 1916. Trarza country, Mauritania.

## CROCIDURA LUTRELLA Heller

*Crocidura lutrella* Heller, Smithsonian Misc. Coll., 56: no. 15, p. 4, 23 Dec., 1910. Rhino Camp, Lado Enclave.

## CROCIDURA MACARTHURI St. Leger

*Crocidura macarthuri* St. Leger, Ann. Mag. Nat. Hist. (10) 13: 559, May 1934. Merifano, 20 miles from mouth of Tana River, Kenya Colony.

## CROCIDURA MANNI Peters

*Crocidura (Crocid.) manni* Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 19, 1878. Lagos, Nigeria.  
Range: Nigeria.

## CROCIDURA MARIQUENSIS (A. Smith)

*Sorex mariquensis* A. Smith, Illustr. Zool. So. Africa, Mamm., pl. 44, f. 1, Oct. 1844. "Wood near the tropic of Capricorn," South Africa.

## CROCIDURA MARITA Thomas and Hinton

*Crocidura marita* Thomas and Hinton, Proc. Zool. Soc. London, p. 253, 6 July 1923. Southeast downs, Jebel Marra, Darfur.

**CROCIDURA MARTENSII** Dobson*Crocidura martensii* Dobson, Ann. Mag. Nat. Hist. (6) 6: 496, Dec. 1890.

"Cape of Good Hope."

Range: To Zululand.

**CROCIDURA MARTIENSSENI** Neumann*Crocidura martiensseni* Neumann, Zool. Jahrb., Syst., 13: 544, 10 Oct. 1900.

Mt. Kilimanjaro, above Marangu, Tanganyika Territory, 6000 feet.

**CROCIDURA MAURISCA MAURISCA** Thomas*Crocidura maurisca* Thomas, Ann. Mag. Nat. Hist. (7) 14: 239, Sep. 1904.

Entebbe, Uganda.

**CROCIDURA MAURISCA GEATA** Allen and Loveridge*Crocidura maurisca geata* G. M. Allen and Loveridge, Proc. Boston Soc. Nat.

Hist., 38: 417, Dec. 1927. Nyingwa, Uluguru Mts., Tanganyika Territory.

**CROCIDURA MONAX** Thomas*Crocidura monax* Thomas, Ann. Mag. Nat. Hist. (8) 6: 310, Sept. 1910. Rombo,

Mt. Kilimanjaro, Tanganyika Territory, 6000 feet.

**CROCIDURA MURICAUDA** (Miller)*Myosorex muricauda* Miller, Proc. Washington Acad. Sci., 2: 645, f. 42, 28

Dec. 1900. Mount Coffee, Liberia.

**CROCIDURA NEAVEI** Wroughton*Crocidura neavei* Wroughton, Manchester Mem., 51: no. 5, p. 7, 13 Mar. 1907.

Kafue River, Rhodesia, 4000 feet.

**CROCIDURA NIGRICANS** Bocage*Crocidura nigricans* Bocage, Jorn. Sci. Math., Phys. e Nat. Lisboa, (2) 1: 28

Mar. 1889. Quindumbo, Angola.

**CROCIDURA NIGROFUSCA** Matschie*Crocidura nigrofusca* Matschie, Deutsch-Ost-Afrika, 3: Säugethiere, p. 33,

1895. Wukalala camp, Kinyawanga, west of Semliki, Congo Belge.

**CROCIDURA NIOBE** Thomas*Crocidura niobe* Thomas, Ann. Mag. Nat. Hist. (7) 18: 138, Aug. 1906. Ruwen-

zori East, Uganda.

**CROCIDURA OCCIDENTALIS OCCIDENTALIS** (Pucheran)*Pachyura occidentalis* Pucheran, Rev. et Mag. de Zool., (2) 7: 154, 1855.

Gaboön.

*Pachyura æquatorialis* Pucheran, Rev. et Mag. de Zool., (2) 7: 154, 1855.  
Gaboon.

*Crocidura petersii* Dobson, Ann. Mag. Nat. Hist. (6) 6: 495, Dec. 1890. Gaboon.

CROCIDURA OCCIDENTALIS CARA Dollman

*Crocidura occidentalis cara* Dollman, Ann. Mag. Nat. Hist. (8) 15: 509, 525,  
May 1915. Jala, Sierra Leone.

CROCIDURA OCCIDENTALIS DAPHNIA Hollister

*Crocidura daphnia* Hollister, Smithsonian Misc. Coll., 66: no. 8, p. 1, May 1916.  
Gondokoro, Uganda.

According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 222, 28 Dec. 1936) this is doubtfully distinct from *C.o. nyansæ*.

CROCIDURA OCCIDENTALIS DORIANA Dobson

*Crocidura doriana* Dobson, Ann. Mus. Civ. Stor. Nat., Genova, (2) 4: 564,  
24 May 1887. Let-Marefia, Shoa, Abyssinia.

*Crocidura occidentalis doriana* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20:  
220, 28 Dec. 1936 (with comment on limits of the *occidentalis* group).

CROCIDURA OCCIDENTALIS GUINEENSIS Cabrera

*Crocidura doriana guineensis* Cabrera, Mem. Soc. Española Hist. Nat., Madrid,  
1: 22, pl. 1, May 1903. Cape San Juan, Rio Muni, Spanish Guinea.

CROCIDURA OCCIDENTALIS HERA Dollman

*Crocidura nyansæ hera* Dollman, Ann. Mag. Nat. Hist. (8) 15: 509, May;  
571, June 1915. Shiré highlands, Blantyre district, southern Nyasaland.

CROCIDURA OCCIDENTALIS HERERO St. Leger

*Crocidura nyanzæ herero* St. Leger, Ann. Mag. Nat. Hist. (10) 10: 85, July  
1932. Mbambi, Grootfontein-Caprivi border, Southwest Africa.

CROCIDURA OCCIDENTALIS KIJABÆ J. A. Allen

*Crocidura kijabæ* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 26: 173, 19 Mar.  
1909. Kijabe, Kenya Colony.

CROCIDURA OCCIDENTALIS KIVU Osgood

*Crocidura flavescens kivu* Osgood, Ann. Mag. Nat. Hist. (8) 5: 370, Apl. 1910.  
Lake Kivu, eastern Congo.

CROCIDURA OCCIDENTALIS LULUANA Cabrera

*Crocidura occidentalis luluana* Cabrera, Bol. Real Soc. Española Hist. Nat.,  
Madrid, 25: 20, 30 Jan. 1925. St. Joseph de Luluabourg, Kasai, Congo  
Belge.

*CROCIDURA OCCIDENTALIS NIGERIÆ* Dollman

*Crocidura occidentalis nigeriæ* Dollman, Ann. Mag. Nat. Hist. (8) 15: 511, 524, May 1915. Asaba, 150 miles up the Niger.

*CROCIDURA OCCIDENTALIS NYANSÆ* Neumann

*Crocidura flavescens nyansæ* Neumann, Zool. Jahrb., Syst., 13: 544, 10 Oct. 1900. Fort Lubwa's in Ussoga, outlet of Victoria Nyanza, Uganda.

*Crocidura occidentalis nyansæ* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 220, 28 Dec. 1936.

*CROCIDURA OCCIDENTALIS SPURRELLI* Thomas

*Crocidura spurrelli* Thomas, Ann. Mag. Nat. Hist. (8) 6: 427, Oct. 1910. Bibianaha, near Dunkwa, inland of Sekondi, Gold Coast.

*CROCIDURA OCCIDENTALIS TATIANA* Dollman

*Crocidura nyansæ tatiana* Dollman, Ann. Mag. Nat. Hist. (8) 15: 509, May; 570, June 1915. Mt. Gargues, north of Mweru district, Kenya Colony.

*CROCIDURA OCCIDENTALIS ZULEIKA* Dollman

*Crocidura nyansæ zuleika* Dollman, Ann. Mag. Nat. Hist. (8) 15: 509, May; 570, June 1915. Chirinda Forest, Masetter district, Southern Rhodesia.

*CROCIDURA ODORATA* (Leconte)

*Sorex odoratus* Leconte, Proc. Acad. Nat. Sci. Philadelphia, p. 11, 1857. [Cette Cama, Gaboon.]

*CROCIDURA OLIVIERI* (Lesson)

*Sorex olivieri* Lesson, Manuel de Mammalogie, p. 121, 1827. Sakkara, Egypt, as mummies from catacombs.

*CROCIDURA ORITIS* Hollister

*Crocidura oritis* Hollister, Bull. Amer. Mus. Nat. Hist., 35: 666, pl. 7, f. 2; pl. 8, f. 2, 2a, 21 Oct. 1916. Avakubi, Ituri River, Congo Belge.

*CROCIDURA PARVIPES PARVIPES* Osgood

*Crocidura parvipes* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 19, 7 Apl. 1910. Voi, Kenya Colony.

*CROCIDURA PARVIPES NISA* Hollister

*Crocidura parvipes nisa* Hollister, Smithsonian Misc. Coll., 66: no. 8, p. 2, May, 1916. Kibabe, Kisumu, Kenya Colony.

*CROCIDURA PASHA* Dollman

*Crocidura pasha* Dollman, Ann. Mag. Nat. Hist. (8) 15: 517, May 1915; 17: 195, Feb. 1916. Atbara River, Sudan.

*CROCIDURA PERCIVALI* Dollman

*Crocidura percivali* Dollman, Ann. Mag. Nat. Hist. (8) 15: 513, May; 16: 126, Aug. 1915. Jombeni Range, Nyeri district, Kenya Colony, 3500 feet.

*CROCIDURA PILOSA* Dobson

*Crocidura pilosa* Dobson, Ann. Mag. Nat. Hist. (6) 6: 496, Dec. 1890. Transvaal.

*CROCIDURA PITMANI* Barclay

*Crocidura pitmani* Barclay, Ann. Mag. Nat. Hist. (10) 10: 440, Oct. 1932. Maluwe-Serenje district, Northern Rhodesia, 3800 feet.

*CROCIDURA POENSIS POENSIS* (Fraser)

*Sorex (Crocidura) poensis* Fraser, Proc. Zool. Soc. London, for 1842, 10: 200, Feb. 1843. Clarence, Fernando Po.

*CROCIDURA POENSIS ATILA* Dollman

*Crocidura poensis atila* Dollman, Ann. Mag. Nat. Hist. (8) 15: 512, May; 16: 141, Aug. 1915. Bitye, Cameroons.

*CROCIDURA POENSIS PAMELA* Dollman

*Crocidura poensis pamea* Dollman, Ann. Mag. Nat. Hist. (8) 15: 510, May; 16: 142, Aug. 1915. Bibianaha, Gold Coast.  
Range: Gold Coast to French Gambia.

*CROCIDURA POENSIS SORICOIDES* (Murray)

*Rhinomys soricoides* Murray, Proc. Roy. Phys. Soc. Edinburgh, 2: 159, 1860. Old Calabar, southern Nigeria.

*CROCIDURA POLIA* Hollister

*Crocidura polia* Hollister, Bull. Amer. Mus. Nat. Hist., 35: 669, pl. 7, f. 5; pl. 9, f. 2, 2a, 21 Oct. 1916. Medje, Congo Belge.

*CROCIDURA PONDOENSIS* Roberts

*Crocidura pondoensis* Roberts, Ann. Transvaal Mus., 4: 71, 20 Oct. 1913. Port St. John's, Pondoland, South Africa.

*CROCIDURA RAINEYI* Heller

*Crocidura rainei* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 7, 4 Nov. 1912. Mt. Gargues, Mathews Range, Kenya Colony, 6000 feet.

*CROCIDURA RELIGIOSA* (I. Geoffroy)

*Sorex religiosus* I. Geoffroy, Mém. Mus. d'Hist. Nat. Paris, 15: 128, 1827. Types mummified, Thebes, Egypt.



## CROCIDURA ROOSEVELTI (Heller)

*Heliosorex roosevelti* Heller, Smithsonian Misc. Coll., 56: no. 15, p. 6, pl. 1, 23 Dec. 1910. Rhino Camp, Lado Enclave.

*Crocidura roosevelti* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 1, p. 68, 1918.

## CROCIDURA RUSSULA AGILIS (Levaillant). Algerian Pygmy Shrew

*Pachyura agilis* Levaillant, in Loche, Explor. Sci. de l'Algérie, Zool., pl. 4, f. 2, 1850. Algeria.

(The atlas of this work was published many years before the text according to Cabrera.)

*Sorex mauritanicus* Pomel, Compt. Rend. Acad. Sci. Paris, 42: 653, 1856. Algeria. Perhaps indeterminate.

*Pachyura pigmaea* Loche, Explor. Sci. de l'Algérie, Zool., p. 88, 1867. Ain-el-Bel, Algeria.

*Crocidura russula suaveolens* Pallas (not Blasius), Trouessart, Cat. Mamm. Viv. Foss., Suppl., p. 142, 1904 (in part).

Range: Tunis and eastern Morocco.

## CROCIDURA RUSSULA YEBALENSIS Cabrera

*Crocidura yebalensis* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 13: 400, Oct. 1913. Tetuán, Morocco.

## CROCIDURA SACRALIS Peters

*Crocidura sacralis* Peters, Reise nach Mossambique, Säugeth., p. 82, pl. 18, f. 3, 1852. Cabaceira Peninsula, Mozambique.

## CROCIDURA SANSIBARICA Neumann

*Crocidura bicolor sansibarica* Neumann, Zool. Jahrb., Syst., 13: 544, 10 Oct. 1900. Mojoní, Zanzibar Island.

## CROCIDURA SCHWEITZERI Peters

*Crocidura (Crocidura) schweitzeri* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 187, 1877. Liberia.

*Crocidura stampflii* Jentink, Notes Leyden Mus., 10: 47, Apl. 1888. Liberia, Schieffelinville and Hill-town.

## CROCIDURA SERICEA (Sundevall)

*Sorex sericeus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, pp. 173, 177, 1843. Near Bahr-el-Abiad, Sudan.

*Crocidura macrodon* Dobson, Ann. Mag. Nat. Hist. (6) 5: 226, Mar. 1890. ?Sudan. According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 227, 28 Dec. 1936) this is best regarded as a synonym of *C. sericea*.

## CROCIDURA SHORTRIDGEI St. Leger

*Crocidura shortridgei* St. Leger, Ann. Mag. Nat. Hist. (10) 10: 84, July 1932. Popa Falls, West Caprivi, Damaraland, Southwest Africa.



## CROCIDURA SILACEA Thomas

*Crocidura (Cr.) silacea* Thomas, Ann. Mag. Nat. Hist. (6) 16: 53, July 1895.  
Figtree Creek, De Kaap, Transvaal.

## CROCIDURA SMITHII Thomas

*Crocidura (Croc.) smithii* Thomas, Ann. Mag. Nat. Hist. (6) 16: 51, July 1895.  
Webi Shebeli, Somaliland.

## CROCIDURA SOMALICA Thomas

*Crocidura (Cr.) somalica* Thomas, Ann. Mag. Nat. Hist. (6) 16: 52, July 1895.  
Webi Shebeli, Somaliland.

## CROCIDURA SURURÆ Heller

*Crocidura sururæ* Heller, Smithsonian Misc. Coll., 56: no. 15, p. 2, 23 Dec. 1910.  
Rhino Camp, Lado Enclave.  
Probably a race of *nyansæ*, apud Hollister, 1916.

## CROCIDURA SYLVIA Thomas and Schwann

*Crocidura sylvia* Thomas and Schwann, Proc. Zool. Soc. London, p. 587, 10 Oct. 1906. Woodbush, Zoutpansberg district, Transvaal.

## CROCIDURA THOMENSIS (Bocage)

*Sorex (Crocidura) thomensis* Bocage, Journ. Sci. Math., Phys. e Nat., Lisboa, (1) 11: 213, Feb. 1887. Island of St. Thomé.

## CROCIDURA TURBA TURBA Dollman

*Crocidura turba* Dollman, Ann. Mag. Nat. Hist. (8) 5: 176, Feb. 1910. Chilui Island, Lake Bangweolo, Rhodesia.

## CROCIDURA TURBA ANGOLÆ Dollman

*Crocidura turba angolæ* Dollman, Ann. Mag. Nat. Hist. (8) 15: 510, May; 16: 136, Aug. 1915. Bailundu country, Angola.

## CROCIDURA TURBA NILOTICA Heller

*Crocidura nilotica* Heller, Smithsonian Misc. Coll., 56: no. 15, p. 3, 23 Dec. 1910.  
Rhino Camp, Lado Enclave.  
*Crocidura turba nilotica* Hollister, Bull. Amer. Mus. Nat. Hist., 35: 664, 21 Oct. 1916.  
Range: Lado Enclave to 'Njabara, Ethiopia.

## CROCIDURA TURBA TARELLA Dollman

*Crocidura turba tarella* Dollman, Ann. Mag. Nat. Hist. (8) 15: 511, May; 16: 135, Aug. 1915. Chaya, near Ruchuru, Congo Belge.

## CROCIDURA TURBA ZAODON Osgood

*Crocidura turba zaodon* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 21, 7 Apl. 1910. Nairobi, Kenya Colony.

*Crocidura turba provocax* Thomas, Ann. Mag. Nat. Hist. (8) 6: 112, July 1910. Aberdare Mts., Kenya Colony, 11,000 feet.

*Crocidura turba lakiundæ* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 6, 4 Nov. 1912. Lakiundu River near junction with Northern Guaso Nyiro, Kenya Colony.

*Crocidura turba kempi* Dollman, Ann. Mag. Nat. Hist. (8) 15: 511, May; 16: 134, Aug. 1915. Kirui, Mt. Elgon, Kenya Colony, 6000 feet.

## CROCIDURA ULTIMA Dollman

*Crocidura ultima* Dollman, Ann. Mag. Nat. Hist. (8) 15: 517, May 1915; 17: 204, Feb. 1916. Jombeni Range, Nyeri district, Kenya Colony, 5000 ft.

## CROCIDURA VELUTINA Thomas

*Crocidura velutina* Thomas, Ann. Mag. Nat. Hist. (7) 14: 237, Sep. 1904. Usambara, Tanganyika Territory.

## CROCIDURA VIARIA (I. Geoffroy)

*Sorex viarius* I. Geoffroy, Voyage aux Indes-Orientales par C. Bélanger, Zool., p. 127, 1834. Senegal.

## CROCIDURA VOI Osgood

*Crocidura voi* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 18, 7 Apl. 1910. Voi, Kenya Colony.

## CROCIDURA WHITAKERI De Winton

*Crocidura* (*Cr.*) *whitakeri* De Winton, Proc. Zool. Soc. London, for 1897, p. 954, Apl. 1898. Sierzet, halfway between Morocco City and Mogador, Morocco.

*Crocidura whitakeri* Cabrera, Trab. Mus. Nac. Cienc. Nat., Madrid, zool. ser., no. 57, p. 65, pl. 3 (col.), 30 Dec. 1932.

## CROCIDURA XANTIPPE Osgood

*Crocidura xantippe* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 19, 7 Apl. 1910. Voi, Kenya Colony.

*Crocidura xanthippe* Dollman, Ann. Mag. Nat. Hist. (8) 15: 512; 16: 375, 1915.

## CROCIDURA ZAPHIRI ZAPHIRI Dollman

*Crocidura zaphiri* Dollman, Ann. Mag. Nat. Hist. (8) 15: 509, May; 16: 66, July, 1915. Charada Forest, Kaffa, Abyssinia.

## CROCIDURA ZAPHIRI SIMIOLUS Hollister

*Crocidura simiolus* Hollister, Smithsonian Misc. Coll., 66: no. 8, p. 3, May 1916.  
Kisumu, Kenya Colony.

*Crocidura zaphiri simiolus* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 224,  
28 Dec. 1936 (with note on status).

## CROCIDURA ZENA ZENA Dollman

*Crocidura zena* Dollman, Ann. Mag. Nat. Hist. (8) 15: 511, May; 16: 137,  
Aug. 1915. Chilui Island, Lake Bangweolo, Rhodesia.

## CROCIDURA ZENA CABRERAI Morales Agacino

*Crocidura zena cabrerai* Morales Agacino, Bol. Soc. Española Hist. Nat.,  
Madrid, 35: 20, fig. 1, 5 Mar. 1935. St. Joseph de Luluabourg, Kasai,  
Congo Belge.

## CROCIDURA ZIMMERI Osgood

*Crocidura zimmeri* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 223, 28 Dec.  
1936. Katobwe, near Bukoma, Lualaba River, Katanga Province, Congo  
Belge.

## MYOSOREX Gray

*Myosorex* Gray, Proc. Zool. Soc. London, for 1837, p. 124, 14 June 1838.

Genotype *Sorex varius* Smuts.

*Sorex* Smuts, Enum. Mammal. Cap., p. 8, 1832 (not Linnæus).

## MYOSOREX BLARINA Thomas

*Myosorex blarina* Thomas, Ann. Mag. Nat. Hist. (7) 18: 139, Aug. 1906;  
Thomas and Wroughton, Trans. Zool. Soc. London, 19: 489, pl. 20,  
lower fig., Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 10,000  
feet.

## MYOSOREX SCLATERI SCLATERI Thomas and Schwann

*Myosorex sclateri* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 15,  
p. 10, 28 Feb. 1905; Proc. Zool. Soc. London, 1: 131, 1 June 1905. Ngoye  
Hills, Zululand, South Africa, 250 meters.

## MYOSOREX SCLATERI AFFINIS Thomas and Schwann

*Myosorex sclateri affinis* Thomas and Schwann, Proc. Zool. Soc. London, 1:  
262, 263, 10 Aug. 1905. Sibudeni, Zululand, Natal, 1700 meters.

## MYOSOREX SCLATERI TALPINUS Thomas and Schwann

*Myosorex sclateri talpinus* Thomas and Schwann, Proc. Zool. Soc. London, 1: 262, 263, 10 Aug. 1905. Umvolosi, Zululand, Natal, 60 meters.

## MYOSOREX SWINNYI Chubb

*Myosorex swinnyi* Chubb, Ann. Transvaal Mus., 1: suppl., p. 1, Oct. 1908; 182, Jan. 1909. Port St. John's district, western Pondoland, South Africa.

## MYOSOREX TENUIS Thomas and Schwann

*Myosorex tenuis* Thomas and Schwann, Proc. Zool. Soc. London, 1: 131, 132, 1 June 1905. Zuurbroon, Wakkerstroom Highlands, Transvaal.

## MYOSOREX TRANSSVAALENSIS Roberts

*Myosorex transvaalensis* Roberts, Ann. Transvaal Mus., 10: 61, 31 Jan. 1924. Koster, on edge of "high veldt," Transvaal.

## MYOSOREX VARIUS VARIUS (Smuts)

*Sorex varius* Smuts, Enumer. Mamm. Cap., p. 108, 1832. Algoa Bay, Cape of Good Hope.

*Sorex capensis* Smuts, Enumer. Mamm. Cap., p. 8, 1832 (nec A. Smith, nec I. Geoffroy). Cape of Good Hope.

*Sorex herpestes* Duvernoy, Mém. Soc. du Mus. d'Hist. Nat. Strasbourg, 2: pt. 2-3, art. LL, p. 2, 1838. Swellendam and Winberg, Cape of Good Hope.

## MYOSOREX VARIUS CAFER (Sundevall)

*Sorex cafer* Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 119, 1846. "E Caffraria interiore et Port-Natal."

## PRÆSOREX Thomas

*Crocidura* Thomas, Ann. Mag. Nat. Hist. (7) 17: 177, Feb. 1906 (in part, not Wagler).

*Præsores* Thomas, Ann. Mag. Nat. Hist. (8) 11: 320, Mar. 1913. Genotype *Crocidura goliath* Thomas.

## PRÆSOREX GOLIATH (Thomas)

*Crocidura goliath* Thomas, Ann. Mag. Nat. Hist. (7) 17: 177, Feb. 1906. Efulen, Cameroons.

## SCUTISOREX Thomas

*Sylvisorex* Thomas, Ann. Mag. Nat. Hist. (8) 6: 113, July 1910 (in part, not Thomas, 1904).

*Scutisorex* Thomas, Ann. Mag. Nat. Hist. (8) 11: 321, Mar. 1913. Genotype *Sylvisorex somereni* Thomas.

## SCUTISOREX CONGICUS Thomas

*Scutisorex congicus* Thomas, Ann. Mag. Nat. Hist. (8) 16: 470, Dec. 1915;  
J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 769-784, pl. 89-92, 1917  
(skeleton). Medje, Upper Ituri River, Congo Belge.

## SCUTISOREX SOMERENI (Thomas)

*Sylvisorex somereni* Thomas, Ann. Mag. Nat. Hist. (8) 6: 113, July 1910.  
Kyetume, near Kampala, Uganda.

## SUNCUS Hemprich and Ehrenberg

*Suncus* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, k, 1832.

Genotype *Suncus sacer* Hemprich and Ehrenberg, see Cabrera, Journ.  
Mamm., 5: 131, 1924.

*Sunkus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842,  
p. 175, 1843 (as "Div. 1" of *Sorex*).

*Crocidura* Wagler, Oken's Isis, p. 275, 1832 (in part); et auct. var. vet.

*Pachyura* de Selys-Longchamps, Études de Micromamm., p. 32, 1839. As a  
subgenus of *Sorex*, type *Sorex etruscus* Savi.

*Paradoxodon* Wagner, Schreber's Säugthiere, Suppl., 5: 805, 1855. As a sub-  
genus of *Sorex*; type *Sorex melanodon* Blyth, from Calcutta.

*Plerodus* Schulze, Helios, Abh. u. Vorträge aus Gesamtgebiete Naturwiss.,  
14: 90, 1897. Genotype *Crocidura suaveolens* Blasius = *Sorex etruscus*  
Savi.

## SUNCUS CÆRULÆUS (Kerr)

*Sorex cærulæus* Kerr, Animal Kingdom of Linn., p. 207, 1792. "Java and the  
other islands of the East Indies."

*Pachyura auriculata* Fitzinger, Sitzb. K. Akad. Wiss. Wien, 31: 342, 1858;  
57: 145, 1868. Madagascar (introduced).

*Sorex mauritiana* Reichenbach, Naturgesch. Raubthiere, p. 341, 1834 Mauritius  
(introduced).

## SUNCUS CHRISSEOS (Kershaw)

*Pachyura chrisseos* Kershaw, Ann. Durban Mus., 3: 31, 31 Jan. 1921. Durban,  
Natal.

## SUNCUS COQUERELII (Trouessart)

*Crocidura* (*Pachyura*) *coquerelii* Trouessart, Notes Leyden Mus., 2: 86, Apl.  
1880. Island of Mayotte, northwest coast of Madagascar.

## SUNCUS ETRUSCUS (Savi). Etruscan Shrew

*Sorex etruscus* Savi, Nuovo Giorn. de' Letterati, 1: 60, pl. 1, 1822. Pisa, Italy.

Range: Algeria (fide Coquerel, Ann. Sci. Nat., zool., (3) 9: 195, 1848), but  
exact records are lacking.

*SUNCUS GRACILIS* (Blainville)

*Sorex gracilis* Blainville, Ann. des Sci. Nat., zool., (2) 10: 120, 1838. Cape of Good Hope, South Africa.

*SUNCUS GRATULUS* (Thomas and Schwann)

*Pachyura gratula* Thomas and Schwann, Proc. Zool. Soc. London, for 1906, p. 781, 11 Apl. 1907. Legogot, eastern Transvaal.

*SUNCUS INFINITESIMUS* (Heller)

*Pachyura infinitesima* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 5, 4 Nov. 1912. Rumruti, Laikipia Plateau, Kenya Colony, 7000 feet.

*SUNCUS LEUCURA* (Matschie)

*Pachyura leucura* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 205, 1894. Zanzibar and between the coast and Lake Victoria.

*Crocidura albicauda* Noack, Jahrb. Hamburg. Wiss. Anst., 9: 117, 1891 (not Peters). Zanzibar.

*SUNCUS LIXUS LIXUS* (Thomas)

*Crocidura (Pachyura) liza* Thomas, Proc. Zool. Soc. London, for 1897, p. 930, Apl. 1898. Nyika Plateau, northern Nyasaland.

*SUNCUS LIXUS ÆQUATORIUS* (Heller)

*Pachyura liza æquatoria* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 4, 4 Nov. 1912. Summit of Mt. Sagalla, Taita Hills, Kenya Colony, 4000 feet.

*SUNCUS MADAGASCARIENSIS* (Coquerel)

*Sorex madagascariensis* Coquerel, Ann. des Sci. Nat., zool., (3) 9: 194, pl. 11, f. 1, 1a-1d, 1f, 1848. Madagascar.

*SUNCUS ORANGLE* (Roberts)

*Pachyura orangie* Roberts, Ann. Transvaal Mus., 10: 61, 31 Jan. 1924. Angra Pequena, Bothaville district, Orange Free State, South Africa.

*SUNCUS SACER* Hemprich and Ehrenberg.

*Suncus sacer* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio k, Sep. 1832. Suez, Egypt, "in domibus oppidi."

*Sorex crassicaudus* Hemprich and Ehrenberg in Lichtenstein's Darstellung neuer oder wenig bekannt. Säugeth., pl. 40, f. 1 and text of pt. 7, 1834. Region about Suez, Egypt.

*Sorex indicus* var. *cinereo-ænea* Rüppell, Mus. Senckenberg., 3: 133, 1842. Coast of Shoa, Abyssinia.

## SUNCUS VARILLA VARILLA (Thomas)

*Crocidura (Pachyura) varilla* Thomas, Ann. Mag. Nat. Hist. (6) 16: 54, July 1895. East London, Cape of Good Hope.

## SUNCUS VARILLA MINOR G. M. Allen and Loveridge

*Suncus varilla minor* G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 57, Feb. 1933. Kitungulu, Urungu, Tanganyika Territory.

## SUNCUS WARRENI Roberts

*Suncus warreni* Roberts, Ann. Transvaal Mus., 13: 84, 6 July 1929. Doorn River, van Rhynsdorp district, Cape Colony, South Africa.

## SURDISOREX Thomas

*Surdisorex* Thomas, Ann. Mag. Nat. Hist. (7) 18: 223, Sep. 1906. Genotype *Surdisorex noræ* Thomas.

## SURDISOREX NORÆ Thomas

*Surdisorex noræ* Thomas, Ann. Mag. Nat. Hist. (7) 18: 223, Sep. 1906. East side of Aberdare Range, near Nyeri, Kenya Colony.

## SURDISOREX POLULUS Hollister

*Surdisorex polulus* Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 1, 10 Feb. 1916. West side of Mount Kenya, Kenya Colony, 10,700 feet.

## SYLVISOREX Thomas. Forest Shrews

*Sylvisorex* Thomas, Abstract Proc. Zool. Soc. London, no. 10, p. 12, 22 Nov. 1904; Proc. Zool. Soc. London, for 1904, 2: 190, 18 Apl. 1905. Genotype *Crocidura morio* Gray.

*Crocidura* Gray, Proc. Zool. Soc. London, p. 180, Sep. 1862 (in part; not Wagler).

*Myosorex* Dobson, Proc. Zool. Soc. London, for 1887, p. 575, Apl. 1888 (in part; not Gray).

## SYLVISOREX GRANTI GRANTI Thomas

*Sylvisorex granti* Thomas, Ann. Mag. Nat. Hist. (7) 19: 118, Jan. 1907; Trans. Zool. Soc. London, 19: 492, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 10,000 feet.

## SYLVISOREX GRANTI MUNDUS Osgood

*Sylvisorex mundus* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 18, 7 Apl. 1910. Kijabe, Kenya Colony.

*Sylvisorex granti mundus* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 220, 28 Dec. 1936. Doubtfully distinguishable.



## SYLVISOREX JOHNSTONI (Dobson)

*Myosorex johnstoni* Dobson, Proc. Zool. Soc. London, for 1887, p. 577, text-fig. (skull), Apl. 1888. Rio del Rey, Cameroons.

Range: Cameroons and Fernando Po.

## SYLVISOREX LUNARIS Thomas

*Sylvisorex lunaris* Thomas, Ann. Mag. Nat. Hist. (7) 18: 139, Aug. 1906; Trans. Zool. Soc. London, 19: 492, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 12,500 feet.

## SYLVISOREX MORIO (Gray)

*Crocidura morio* Gray, Proc. Zool. Soc. London, p. 180, Sep. 1862. Cameroon Mountains, southern Nigeria.

## SYLVISOREX OLLULA Thomas

*Sylvisorex ollula* Thomas, Ann. Mag. Nat. Hist. (8) 11: 321, Mar. 1913. Bitye, Ja River, Cameroons, 2000 feet.

## SYLVISOREX ORIUNDUS Hollister

*Sylvisorex oriundus* Hollister, Bull. Amer. Mus. Nat. Hist., 35: 672, pl. 7, f. 7; pl. 9, f. 4, 4a; pl. 11, f. 1, 21 Oct. 1916. Medje, Nava River, Congo Belge.

## SYLVISOREX PREUSSI (Matschie)

*Myosorex preussi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 177, 1893. Buea, Cameroon Mountains area, southern Nigeria.

## SYLVISOREX RUANDÆ Lönnberg and Gyldenstolpe

*Sylvisorex ruandæ* Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17B: no. 5, p. 1, 2 May 1925. Mount Sabinio, Birunga Volcanoes, Congo Belge.

## SYLVISOREX MEGALURA (Jentink)

*Pachyura megalura* Jentink, Notes Leyden Mus., 10: 48, Apl. 1888. Schieffelsinsville, Junk River, Liberia.

*Sylvisorex megalura* Thomas, Proc. Zool. Soc. London, for 1904, 2: 190, 18 Apl. 1905.

## SYLVISOREX SORELLA SORELLA (Thomas)

*Myosorex* (?) *sorella* Thomas, Proc. Zool. Soc. London, for 1897, p. 930, 1 Apl. 1898. Masuku Plateau, Nyasaland.

## SYLVISOREX SORELLA ANGOLENSIS Roberts

*Sylvisorex angolensis* Roberts, Ann. Transvaal Mus., 13: 84, 6 July 1929. Mombola, Angola.

*Sylvisorex sorella angolensis* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936.

## SYLVISOREX SORELLA GEMMEUS Heller

*Sylvisorex gemmeus* Heller, Smithsonian Misc. Coll., 56: no. 15, p. 7, 23 Dec. 1910. Rhino Camp, Lado Enclave, Sudan.

*Sylvisorex sorella gemmeus* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936.

## SYLVISOREX SORELLA INFUSCUS Thomas

*Sylvisorex gemmeus infuscus* Thomas, Ann. Mag. Nat. Hist. (8) 16: 152, Aug. 1915. Biteye, Ja River, southern Cameroons.

*Sylvisorex sorella infuscus* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936.

## SYLVISOREX SORELLA IRENE Thomas

*Sylvisorex gemmeus irene* Thomas, Ann. Mag. Nat. Hist. (8) 16: 151, Aug. 1915. Kaganbah, Uganda, 1600 meters.

*Sylvisorex sorella irene* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936. Doubtfully distinct from *S. s. gemmeus* Heller.

Range: Southern Uganda and Upper Ituri, Uele.

## SYLVISOREX SORELLA PHÆOPUS Osgood

*Sylvisorex sorella phæopus* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936. Near Dungulbar, southwest side of Lake Tana, Ethiopia.

## SYLVISOREX SORELLA SHEPPARDI Kershaw

*Sylvisorex gemmeus sheppardi* Kershaw, Ann. Durban Mus., 3: 32, 31 Jan. 1921. Vumba, Gorongoza Province, Portuguese East Africa.

*Sylvisorex sorella sheppardi* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936.

## SYLVISOREX SORELLA SORELLOIDES Lönnberg

*Sylvisorex sorelloides* Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 67, Jan. 1912; Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 48: no. 5, 51, pl. 3, f. 1 (col.), 1912. Steppe near Itioliu River, northern Guaso Nyiro, Kenya Colony.

*Sylvisorex sorella sorelloides* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936. Doubtfully distinct from *S. s. gemmeus* Heller.

## SYLVISOREX SUNCOIDES Osgood

*Sylvisorex suncoides* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 217, 28 Dec. 1936. Kalongi, western slope of Mt. Ruwenzori, Congo Belge.

## Order CHIROPTERA. Bats

## Suborder MEGACHIROPTERA

## Family PTEROPIDÆ. Fruit Bats

## Subfamily PTEROPINÆ

Revision: Andersen, Knud. Catalogue of the Chiroptera in the collection of the British Museum. Second edition. Vol. 1, Megachiroptera. 8vo, London (British Mus.), ci + 854 + 30 pp., 79 text-ff., 1912.

## CASINYCTERIS Thomas

*Casinycteris* Thomas, Ann. Mag. Nat. Hist. (8) 6: 111, July 1910. Genotype  
*Casinycteris argynnis* Thomas.

## CASINYCTERIS ARGYNNIS Thomas

*Casinycteris argynnis* Thomas, Ann. Mag. Nat. Hist. (8) 6: 111, July 1910.  
Bitye, Ja River, Cameroons.

## EIDOLON Rafinesque. Straw-colored Fruit Bat

*Eidolon* Rafinesque, Analyse de la Nature, p. 54, 1815. Genotype *Eidolon helvum* (Kerr).

*Pterocyton* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin p. 423, 1861.  
Genotype *Pterocyton paleaceus* Peters = *Eidolon helvum* (Kerr).

*Cynonycteris* Dobson, Cat. Chiropt. Brit. Mus., p. 70, 1878 (in part) et auct. al.  
*Leiponyx* Jentink, Notes Leyden Mus., 3: 60, Apl. 1881. Genotype *Leiponyx bültikoferi* Jentink.

*Liponyx* Forbes, Zool. Rec., 18: Mamm., p. 13, 1882 (emendatio), not *Liponyx* Vieillot, 1816, in Birds.

*Xantharpyia* Matschie, Megachiroptera Berlin. Mus., p. 63, 1899 (in part).

## EIDOLON DUPREANUM (Pollen)

*Pteropus dupréanus* Pollen, in Schlegel and Pollen, Proc. Zool. Soc. London, for 1866, p. 419, Apl. 1867. [Northwestern Madagascar.]

Range: Madagascar.

## EIDOLON HELVUM HELVUM (Kerr)

*Vespertilio vampyrus helvus* Kerr, Linnæus's Animal Kingdom, 1: pt. 1, p. xvii, 91, 1792. No locality.

*Vespertilio vampyrus* var. C, Schreber, Säugthiere, 1: 154, 1774; var.  $\gamma$  Gmelin, Linnæus's Syst. Nat., ed. 13, 1: 45, 1788. Africa occidentali, etc.

*Pteropus stramineus* E. Geoffroy, Cat. Mamm. du Mus. National Hist. Nat., Paris, p. 48, 1803. No locality.

- Vespertilio caninus*, var. b, Goldfuss, Vergl. Naturbeschr., Säug., p. 98, 1809 (not *V. caninus* Blumenbach).
- Pterocyon paleaceus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 423, 1861. Africa.
- Pteropus mollipilosus* H. Allen, Proc. Acad. Nat. Sci. Philadelphia, for 1861, p. 159, 1862. Gaboon.
- Pteropus palmarum* Heuglin, Leopoldina (Halle), 5: 34, June 1865. Middle and Upper Nile.
- Xantharpyia leucomelas* Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, pt. 10, p. 544, 1866. Sennaar, Bahr-el-Abiad, Bahr-el-Azrak, Kordofan.
- Leiponyx büttikoferi* Jentink, Notes Leyden Mus., 3: 59, Apl. 1881. Millsburg, St. Paul's River, Liberia.
- Range: Somaliland, Sennaar and Senegambia to Nyasaland, Mashonaland and Namaqualand.

### EPOMOPHORUS Bennett

- Epomophorus* Bennett, Proc. Zool. Soc. London, for 1835, p. 149, 12 Feb. 1836; Trans. Zool. Soc. London, 2: 33, 2 Oct. 1836. Genotype *Pteropus whitei* vel *epomophorus* Bennett = *gambianus* Ogilby.

### EPOMOPHORUS ANGOLENSIS Gray

- Epomophorus macrocephalus* var. *angolensis* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 125, 1870. Angola.

### EPOMOPHORUS ANURUS Heuglin

- Epomophorus anurus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 31: no. 7, p. 12, 1864. Bongo, Bahr-el-Ghazal, Anglo-Egyptian Sudan.
- Epomophorus doriæ* Matschie, Megachiroptera Berlin. Mus., p. 54, 1899. Bogos Country, Eritrea.

### EPOMOPHORUS CRYPTURUS Peters

- Epomophorus crypturus* Peters, Reise nach Mossambique, Säugethiere, p. 26, pl. 5; pl. 13, f. 1-6, 1852. Tette, Portuguese East Africa, 17° S.
- Range: Transvaal, Zambesi and Limpopo valleys north to Nyasa and Katanga.

### EPOMOPHORUS GAMBIANUS (Ogilby)

- Pteropus gambianus* Ogilby, Proc. Zool. Soc. London, p. 100, 9 Oct. 1835. Gambia.
- Pteropus macrocephalus* Ogilby, Proc. Zool. Soc. London, p. 101, 9 Oct. 1835. Gambia.
- Pteropus epomophorus* Bennett, Proc. Zool. Soc. London, p. 149, 12 Feb. 1836. Gambia.

*Pteropus whitei* Bennett, Trans. Zool. Soc. London, 2: pt. 1, p. 37, pl. 6; pl. 7 (structure of hair), 2 Oct. 1836. Gambia.

*Epomophorus guineensis* Bocage, Journ. Sci. Math., Phys. e Nat., Lisboa, (2) 5: 136, f. 3, June 1898. Bolama, Portuguese Guinea.

*Epomophorus zechi* Matschie, Megachiroptera Berlin. Mus., p. 46, pl. 10, f. 3 a-c, 1899. Lectotype from Kunjuruma, Togoland, = Dahomey.

Range: Senegal to Nigeria and east to Sennaar and southern Abyssinia.

#### EPOMOPHORUS LABIATUS LABIATUS (Temminck)

*Pteropus labiatus* Temminck, Monogr. de Mammalogie, 2: 83, pl. 39, 1837. "Abyssinia," i.e. Sennaar.

*Pteropus schoënsis* Rüppell, Mus. Senckenberg., Frankfurt a. M., 3: 131, 1842. Shoa.

*Epomophorus schovanus* Heuglin, Reise in Nordost-Afrika, 2: 18, 1877 (emendation).

Range: Sennaar, Abyssinia, Shoa.

#### EPOMOPHORUS LABIATUS MINOR Dobson

*Epomophorus minor* Dobson, Proc. Zool. Soc. London, for 1879, p. 715, Apl. 1880. Zanzibar.

Range: Shoa south to Tanganyika Territory.

#### EPOMOPHORUS POUSARGUESI Trouessart

*Epomophorus pousarguesi* Trouessart, Cat. Mamm. Viv. Foss., Suppl., p. 55, 1904. Based on *E. macrocephalus* Pousargues (not Ogilby), in Ann. Sci. Nat., zool. (8) 3: 253, 1896. Shari region, eastern Congo Belge.

#### EPOMOPHORUS WAHLBERGI WAHLBERGI (Sundevall)

*Pteropus wahlbergi* Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 118, 1846. Near Port Natal and in interior of Caffraria.

*Epomophorus macrocephalus* var. *unicolor* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 125, 1870. Shupanga, Zambesia, South Africa.

*Epomophorus stuhlmanni* Matschie, Megachiroptera Berlin. Mus., p. 50, 1899 (in part). Lectotype from Vikindo, Usaramo, Tanganyika Territory.

Range: Kenya Colony, Mt. Kenya, south through Tanganyika Territory to eastern Cape Colony.

#### EPOMOPHORUS WAHLBERGI HALDEMANI (Halowell)

*Pteropus haldemani* Halowell, Proc. Acad. Nat. Sci. Philadelphia, 3: 52, 1846. West Africa [? Liberia].

*Epomophorus zenkeri* Matschie, Megachiroptera Berlin. Mus., p. 46, 1899. Lower Guinea, lectotype from Chinchexo, Cabinda, Angola.

- Epomophorus neumanni* Matschie, Megachiroptera Berlin. Mus., p. 50, 1899.  
Lectotype from Mombasa, Kenya Colony.  
Range: Cameroons to Benguela, east to Kenya Colony and Tanganyika Territory.

### EPOMOPS Gray. Epulet Bats

- Epomophorus* Tomes, Proc. Zool. Soc. London, p. 44, Feb.-May 1860 (in part).  
*Epomops* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 126, 1870. Genotype *Epomophorus franqueti* Tomes.

#### EPOMOPS BÜTTIKOFERI (Matschie)

- Epomophorus büttikoferi* Matschie, Megachiroptera Berlin. Mus., p. 45, 1899.  
Schieffelinville, Junk River, Liberia.  
Range: Liberia and Sierra Leone.

#### EPOMOPS DOBSONII (Bocage)

- Epomophorus dobsonii* Bocage, Journ. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 1, 14, fig., Mar. 1889. Quindumbo, Benguela, Angola.  
Range: Angola to Katanga.

#### EPOMOPS FRANQUETI FRANQUETI (Tomes)

- Epomophorus franqueti* Tomes, Proc. Zool. Soc. London, p. 54, pl. 75 (col.), Feb.-May 1860. Gaboon.  
*Epomophorus comptus* H. Allen, Proc. Acad. Nat. Sci. Philadelphia, for 1861, p. 158, 1862. "W. Africa," = Gaboon.  
Range: Old Calabar to Loanda, east to the great lakes.

#### EPOMOPS FRANQUETI STREPITANS K. Andersen

- Epomops franqueti strepitans* K. Andersen, Ann. Mag. Nat. Hist. (8) 5: 106, 3 Jan. 1910. Asaba, southern Nigeria.  
Range: Gold Coast to southern Nigeria.

### HYPSIGNATHUS H. Allen. Hammer-headed Bats

- Hypsignathus* H. Allen, Proc. Acad. Nat. Sci. Philadelphia, p. 156, July 1861.  
Genotype *Hypsignathus monstrosus* H. Allen.  
*Sphyrocephalus* A. Murray, Proc. Zool. Soc. London, p. 8, June 1862. Genotype  
*Sphyrocephalus labrosus* Murray = *Hypsignathus monstrosus* H. Allen.  
*Zygænocephalus* A. Murray, Proc. Zool. Soc. London, pl. 1, June 1862. Genotype  
*Zygænocephalus labrosus* Murray = *Hypsignathus monstrosus* H. Allen.

#### HYPSIGNATHUS MONSTROSUS H. Allen

- Hypsignathus monstrosus* H. Allen, Proc. Acad. Nat. Sci. Philadelphia, p. 157, July 1861. "West Africa," = Gaboon.

*Sphyrocephalus labrosus* A. Murray, Proc. Zool. Soc. London, p. 8, June, 1862.  
Old Calabar River.

*Zyganocephalus labrosus* A. Murray, Proc. Zool. Soc. London, pl. 1 (not text),  
June, 1862. Old Calabar River.

Range: Gambia, and Fernando Po, to Ogowe, and east to Monbuttu, Congo  
Belge.

### MICROPTEROPUS Matschie. Dwarf Epaulet Bat

*Micropteropus* Matschie, Megachiroptera Berlin. Mus., pp. 36, 57, 1899.

As a subgenus of *Epomophorus*; type *Epomophorus pusillus* Peters.

*Epomophorus* Tomes, Proc. Zool. Soc. London, p. 42, Feb.-May 1860 (in part),  
et auct. al.

### MICROPTEROPUS PUSILLUS (Peters)

*Epomophorus pusillus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p.  
870, 1867. Yoruba, southern Nigeria.

Range: Gambia to Loanda, east to Bahr-el-Ghazal and east side of Victoria  
Nyanza.

### MYONYCTERIS Matschie

*Myonycteris* Matschie, Megachiroptera Berlin. Mus., pp. 61, 63, 1899. As a  
subgenus of *Xantharpyia*; type *Cynonycteris torquata* Dobson.

*Cynonycteris* Dobson, Cat. Chiroptera Brit. Mus., p. 71, 1878 (in part).

*Rousettus* Trouessart, Cat. Mamm. Viv. Foss., Suppl., p. 59, 1904 (in part).

*Xantharpyia* Matschie, Megachiroptera Berlin. Mus., p. 65, 1899 (in part).

### Subgenus MYONYCTERIS Matschie

#### MYONYCTERIS LEPTODON K. Andersen

*Myonycteris leptodon* K. Andersen, Ann. Mag. Nat. Hist. (8) 2: 450, Nov. 1908.  
Sierra Leone.

Range: Sierra Leone and Liberia.

#### MYONYCTERIS TORQUATA (Dobson)

*Cynonycteris torquata* Dobson, Cat. Chiroptera Brit. Mus., pp. 71, 76, pl. 5, f. 1,  
June 1878. Angola.

*Cynopterus collaris* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit.  
Mus., p. 123, 1870 (not Kolenati; not Geoffroy). "W. Africa" = Lower  
Congo; Angola.

#### MYONYCTERIS WROUGHTONI K. Andersen

*Myonycteris wroughtoni* K. Andersen, Ann. Mag. Nat. Hist. (8) 2: 450, Nov.  
1908. River Likand, Uele district, northeastern Congo Belge.



## Subgenus PHYGETIS K. Andersen

*Phygetis* K. Andersen, Cat. Chiroptera Brit. Mus., 1: 579, 1912. As a subgenus; type *Cynonycteris brachycephala* Bocage.

## MYONYCTERIS BRACHYCEPHALA (Bocage)

*Cynonycteris brachycephala* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 198, Dec. 1889. Island of San Thomé, Gulf of Guinea.

## NANONYCTERIS Matschie

*Nanonycteris* Matschie, Megachiroptera Berlin. Mus., pp. 36, 58, 1899. As a subgenus of *Epomophorus*; type *Epomophorus veldkampii* Jentink. *Epomophorus* Jentink, Notes Leyden Mus., 10: 51, Apl. 1888 (in part).

## NANONYCTERIS VELDkampii (Jentink)

*Epomophorus veldkampii* Jentink, Notes Leyden Mus., 10: 51, Apl. 1888. Buluma, Fisherman Lake, Liberia.  
Range: Liberia and Gold Coast to southern Nigeria.

## PLEROTES K. Andersen

*Plerotes* K. Andersen, Ann. Mag. Nat. Hist. (8) 5: 97, 3 Jan. 1910. Genotype *Epomophorus anchietae* Seabra.

## PLEROTES ANCHIETÆ (Seabra)

*Epomophorus anchietae* Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 6: 116, Aug. 1900; (2) 5: 166, pl. 1, fig. 3 (palate ridges) no specific name given, June 1898. Galanga, Benguela, Angola.

## PTEROPUS Brisson. Flying Foxes

*Pteropus* Brisson, Règne Animal, ed. 2, pp. 13, 153, 1762. Genotype *Pteropus niger* (Kerr).

*Spectrum* Lacépède, Tabl. Mamm., p. 15, 1799 (not *Spectrum* Scopoli, 1777, Lepidoptera). Genotype *Pteropus niger* (Kerr).

*Eunyeris* Gray, Proc. Zool. Soc. London, p. 64, May 1866. Genotype *Pteropus phaiops* Temminck = *Pteropus melanopogon* Peters.

*Pselaphon* Gray, Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 110, 1870. Genotype *Pteropus pselaphon* Layard.

*Sericonycteris* Matschie, Megachiroptera Berlin. Mus., pp. 6, 30, 1899. As a subgenus of *Pteropus*; type *Pteropus subniger* (Kerr).

*Desmalopez* Miller, Bull. U. S. Nat. Mus., no. 57, p. 60, 29 June 1907. Genotype *Pteropus leucopterus* Temminck.

## PTEROPUS ALDABRENSIS True

*Pteropus aldabrensis* True, Proc. U. S. Nat. Mus., 16: 533, 14 July 1893. Aldabra Island.

Range: Aldabra Island, north of Comoro group.

## PTEROPUS COMORENSIS Nicoll

*Pteropus comorensis* Wallace, Island Life, p. 400, 1880 (nomen nudum). Nicoll, Three Voyages of a Naturalist, pp. 87, 88, 90, 1908. Comoro Islands.

## PTEROPUS LIVINGSTONII Gray

*Pteropus livingstonii* Gray, Proc. Zool. Soc. London, p. 66, May 1866. Johanna Island, Comoro group.

## PTEROPUS NIGER (Kerr)

*Vespertilio vampirus niger* Kerr, Linnæus's Animal Kingdom, 1: xvii, 90, 1792. No locality.

*Vespertilio caninus* Blumenbach, Handbuch Naturg., ed. 5, p. 73, 1797 (in part; not of Wiedl).

*Spectrum vampirus* Lacépède, Tabl. Mammifères, p. 15, 1799; Daudin, in Buffon's Hist. Nat., Quadrupèdes, Didot ed., 14: 188, 1802. "L'île de Bourbon" = Mauritius.

*Pteropus fuscus* E. Geoffroy, Cat. Mamm. Mus. National d'Hist. Nat., Paris, p. 46, 1803. Réunion and Madagascar.

*Vespertilio mauritianus* Hermann, Observationes Zool., p. 19, 1804. Mauritius.

*Pteropus vulgaris* E. Geoffroy, Ann. Mus. d'Hist. Nat., Paris, 15: 92, 1810. Réunion and Madagascar.

*Pteropus pteropus* Merriam, ex Brisson, Science, n. ser., 1: 376, 5 Apl. 1895.

Range: The Mascarene Islands, Réunion and Mauritius.

## PTEROPUS RODRICENSIS Dobson

*Pteropus rodricensis* Dobson, Cat. Chiroptera Brit. Mus., p. 36, 1878. Island of Rodriguez.

*Pteropus mascarinus* Mason, Ann. Mag. Nat. Hist. (7) 20: 221, Sept. 1907. Round Island (La Ronde), 15 miles northeast of Mauritius.

## PTEROPUS RUFUS RUFUS E. Geoffroy

*Pteropus rufus* E. Geoffroy, Cat. Mamm. Mus. National d'Hist. Nat., Paris, p. 47, 1803. Madagascar.

*Pteropus edwardsii* E. Geoffroy, Ann. Mus. d'Hist. Nat., Paris, 15: 92, 1810. Madagascar (renaming of *P. rufus*).

*Pteropus madagascariensis* Oken, Lehrbuch d. Naturgesch., pt. 3: sect. 2, p. 936, 1816. Madagascar (renaming of *P. edwardsii*).

*Pteropus phaiops* Temminck, Monogr. Mammal., 1: 178, 1825. Madagascar. Range: Northern and central Madagascar.

**PTEROPUS RUFUS PRINCEPS** K. Andersen

*Pteropus rufus princeps* K. Andersen, Ann. Mag. Nat. Hist. (8) 2: 367, Oct. 1908. Ft. Dauphin, Madagascar.

Range: Southern Madagascar.

**PTEROPUS SEYCHELLENSIS** Milne-Edwards

*Pteropus seychellensis* Milne-Edwards, Bull. Soc. Philom. Paris, (7) 2: 221, 1877. Seychelles Ids.

Range: Seychelles Islands.

**PTEROPUS SUBNIGER** (Kerr)

*Vespertilio vampyrus subniger* Kerr, Linnæus's Animal Kingdom, 1: xvii, 91, 1792. No locality.

*Pteropus collaris* Illiger, Abhandl. K. Preuss. Akad. Wiss., Berlin, 1804-11, p. 78, 84, 1815.

*Pteropus fuscus* Desmarest, Nouv. Dict. d'Hist. Nat., 19: 544, 1803 (not E. Geoffroy). Réunion.

*Pteropus torquatus* G. Fischer, Zoognosia, 3: 553, 1814.

*Spectrum rubidum* Daudin, in Buffon, Hist. Nat., Quadrupèdes, Didot ed., 14: 188, 1802. (?)

*Pteropus rubricollis* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 15: 93, 1810. Réunion Id.

Range: The Mascarene Islands, Réunion and Mauritius.

**PTEROPUS VOELTZKOWI** Matschie

*Pteropus (Spectrum) voeltzkowi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 486, Oct. 1909. Fufuni, Pemba Island, off coast of Tanganyika Territory.

Range: Pemba Island.

**ROUSETTUS** Gray. Rousette BatsSubgenus **ROUSETTUS** Gray

*Rousettus* Gray, London Medical Repository, 15: 299, 1 Apl. 1821. Genotype *Pteropus ægyptiacus* E. Geoffroy.

*Cercopithecus* Burnett, Quart. Journ. Sci., Lit. and Art, pt. 1, p. 269, Apl-June, 1829. Genotype *Pteropus ægyptiacus* E. Geoffroy.

*Xantharpyia* Gray, List Spec. Mamm. Brit. Mus., pp. xix, 37, 13 May 1843. Genotype *Pteropus amplexicaudatus* E. Geoffroy.

*Eleutherura* Gray, List. Spec. Mamm. Brit. Mus., p. xix, 13 May 1843 (nomen nudum); Voyage "Sulphur," 1: 29, 1844. Genotype *Pteropus leachii* A. Smith.

*Senonycteris* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 115, 1870. As a subgenus of *Xantharpyia*; type *Pteropus seminudus* Kelaart.

*Cynonycteris* Peters, Reise nach Mossambique, Säugeth., p. 25, 1852. Genotype *Pteropus collaris* Illiger = *Pteropus leachii* A. Smith.

ROUSETTUS ÆGYPTIACUS (E. Geoffroy)

*Pteropus egyptiacus* E. Geoffroy, Ann. Mus. d' Hist. Nat., Paris, 15: 96, 1810 (misprint); corrected to *ægyptiacus* in Descrip. de l'Égypte, Hist. Nat., 2: 134, pl. 3, f. 2, 1818. From the Great Pyramid, Gizeh, Egypt.

*Pteropus geoffroyi* Temminck, Monogr. Mamm., 1: 197, pl. 15, f. 14, 15, 1825. Senegal and probably north coast of Africa.

*Eleutherura unicolor* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 117, 1870. Gaboon.

Range: Loando and Gaboon to Palestine and Cyprus.

ROUSETTUS LEACHII (A. Smith)

*Pteropus collaris* Lichtenstein, Verzeichn. Doubl. Mus. Berlin, pp. 3, 5, 1823 (in part), not Illiger. Terra Caffrorum.

*Pteropus leachii* A. Smith, Zool. Journ., 4: 433, May 1829. "Gardens about Cape Town," South Africa.

*Pteropus hottentottus* Temminck, in Smuts, Enum. Mamm. Cap., p. 3, 1832. Capetown, Cape Province.

*Rousettus sjöstedti* Lönnberg, Wiss. Ergebn. Swedischen Zool. Exp. u. Leitung Sjöstedt, Kilimandjaro-Meru, 1: no. 2, p. 7, 1910. Mkulumusi caves, near Tanga, Tanganyika Territory.

Range: Cape Colony northeastward to Kenya Colony.

Subgenus STENONYCTERIS Andersen

*Stenonycteris* Andersen, Cat. Chiroptera Brit. Mus., 1: 23, 1912. Type *Rousettus lanosus* Thomas.

ROUSETTUS KEMPI Thomas

*Rousettus kempi* Thomas, Ann. Mag. Nat. Hist. (8) 4: 543, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 feet.

Range: Mt. Elgon to Shoa.

ROUSETTUS LANOSUS Thomas

*Rousettus lanosus* Thomas, Ann. Mag. Nat. Hist. (7) 18: 137, Aug. 1906; Trans. Zool. Soc. London, 19: 486, pl. 20 (col.), Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 13,000 feet.

Range: Ruwenzori.

ROUSETTUS MADAGASCARIENSIS G. Grandidier

*Rousettus madagascariensis* G. Grandidier, Bull. Acad. Malgache, 11: 91, pl., 4 text-figs. (skull), 1928. Beforona, between Tananarive and Andevoranto, eastern Madagascar.

## Subgenus LISSONYCTERIS Andersen

*Lissonycteris* Andersen, Cat. Chiroptera Brit. Mus., 1: 23, 1912. Subgenus of *Rousettus*; type *Rousettus angolensis* (Bocage).

## ROUSETTUS ANGOLENSIS (Bocage)

*Cynonycteris angolensis* Bocage, Journ. Sci. Math., Phys. e Nat., Lisboa, (2) 5: 133, 138, text-f., June 1898. Pungo Andongo, Cahata, Quibula, Angola.

Range: Angola and Cameroons east to Kenya Colony and Tanganyika Territory.

## ROUSETTUS CRYPTICOLA Cabrera

*Rousettus crypticola* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 20: 106, Mar. 1920. Cave of San Fernando, Basile, Fernando Po.

## ROUSETTUS SMITHII Thomas

*Rousettus smithii* Thomas, Ann. Mag. Nat. Hist. (8) 2: 375, Oct. 1908. Sierra Leone.

Range: Sierra Leone to southern Nigeria.

## SCOTONYCTERIS Matschie

*Scotonycteris* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 200, 1894.

Genotype *Scotonycteris zenkeri* Matschie.

## SCOTONYCTERIS ZENKERI Matschie

*Scotonycteris zenkeri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 202, 1894. Yaunde, southern Cameroons.

*Scotonycteris bedfordi* Thomas, Abstract Proc. Zool. Soc. London, no. 4, p. 14, 8 Mar. 1904; Proc. Zool. Soc. London, 1: 372, 2 Aug. 1904. Fish Town, Fernando Po.

## Subfamily MACROGLOSSINÆ. Long-tongued Fruit Bats

## MEGALOGLOSSUS Pagenstecher

*Megaloglossus* Pagenstecher, Zool. Anzeiger, 8: 245, 27 Apl. 1885. Genotype *Megaloglossus woermanni* Pagenstecher.

*Trygenycteris* Lydekker, in Flower and Lydekker, Mammals Living and Extinct, p. 655, 1891. Genotype *Megaloglossus woermanni*: proposed to replace *Megaloglossus*, thought to be preoccupied by *Megaglossa* Rondani, 1865 (Diptera).

## MEGALOGLOSSUS WOERMANNI Pagenstecher

*Megaloglossus woermanni* Pagenstecher, Zool. Anzeiger, 8: 245, 27 Apl. 1885; Jahrb. Wiss. Anst. Hamburg, 2: 123, pl., 1885. Sibange Farm, Gaboon.  
Range: Liberia to Cameroons and lower Congo.

## Suborder MICROCHIROPTERA

## Family RHINOPOMIDÆ. Mouse-tailed Bats

## RHINOPOMA Oken

*Rhinopoma* Oken, Lehrbuch d. Naturgesch., pt. 3, zool., sect. 2, p. 926, 1816;  
E. Geoffroy, Descrip. de l'Égypte, 2: 113, 1818 (see Lyon, M. W., Jr.,  
Proc. Biol. Soc. Washington, 27: 217, 1914). Genotype *Vespertilio*  
*microphyllus* Brünnich.

*Rhinopoma* Gervais, Hist. Nat. des Mammifères, p. 202, 1854 (lapsus).  
Genotype *Vespertilio microphyllus* Brünnich.

*Rhynopoma* Bowditch, Anal. Nat. Class. Mamm., p. 30, 1821. Genotype  
*Vespertilio microphyllus* Brünnich.

Review: Thomas, O. On the species of the genus *Rhinopoma*. Ann. Mag.  
Nat. Hist. (7) 11: 496-499, May 1903.

## RHINOPOMA CYSTOPS CYSTOPS Thomas

*Rhinopoma cystops* Thomas, Ann. Mag. Nat. Hist. (7) 11: 496, May 1903.  
Luxor, Egypt.

Range: Egypt and Sudan west to Aïr, Sahara.

## RHINOPOMA CYSTOPS MACINNESI Hayman

*Rhinopoma cystops macinnesi* Hayman, Ann. Mag. Nat. Hist. (10) 19: 530,  
May 1937. Bat Island, near Central Island, Lake Rudolf.

## RHINOPOMA MICROPHYLLUM (Brünnich)

*Vespertilio microphyllus* Brünnich, Dyrenes Historie og Dyre-Samlingen udi  
Univ. Natur-Theater, 1: 50, pl. 6, f. 1-4, 1782. Arabia and Egypt.

*Rhinopoma sennaariense* Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien,  
54: sect. 1, 547, 1866 (nomen nudum). Sennaar and Fazogli, near Ro-  
seires, Anglo-Egyptian Sudan.

*Rhinopoma longicaudatum* Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien,  
54: sect. 1, 547, 1866 (nomen nudum). Sennaar.

*Rhinopoma lepsiannum* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 222,  
1859. Blue Nile.

For Herrn Lepsius.

*Rhinopoma cordofanicum* Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien,  
54: sect. 1, 547, 1866 (nomen nudum); Heuglin, Reise Nordost-Afrika,  
2: 24, 1877 (nomen validum).

## Family EMBALLONURIDÆ. Sheath-tailed Bats

## EMBALLONURA Temminck

*Emballonura* Temminck, van der Hoeven's Tijdschr. Nat. Gesch. en Physiol., 5: 22, 1838. Genotype, by elimination, *Emballonura monticola* Temminck.

## EMBALLONURA ATRATA Peters

*Emballonura atrata* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 693, 1874. Interior of Madagascar.

Range: Madagascar and adjacent island of Nossi-Bé.

## COLEURA Peters

*Coleura* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 479, 1867. Genotype *Emballonura afra* Peters.

Review: Thomas, O. Notes on bats of the genus *Coleura*. Ann. Mag. Nat. Hist. (8) 15: 576-579, 1915.

## COLEURA AFRA (Peters)

*Emballonura afra* Peters, Reise nach Mossambique, Säugethiere, p. 51, pl. 12; pl. 13, f. 18, 19, 1852. Tette, Portuguese East Africa.

## COLEURA GALLARUM GALLARUM Thomas

*Coleura gallarum* Thomas, Ann. Mag. Nat. Hist. (8) 15: 576, June 1915. Zeyla, British Somaliland.

Range: Somaliland; Aden, Arabia.

## COLEURA GALLARUM NILOSA Thomas

*Coleura gallarum nilosa* Thomas, Ann. Mag. Nat. Hist. (8) 15: 576, June 1915. Upper Nile, near mouth of Bahr-el-Zeraf, Sudan.

Range: Upper Nile to northeastern Congo Belge.

## COLEURA SEYCHELLENSIS Peters

*Colëura seychellensis* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1868, p. 367, 1869. Seychelles Ids.

Range: Seychelles group (? and Zanzibar).

## COLEURA SILHOUETTÆ Thomas

*Coleura silhouettæ* Thomas, Ann. Mag. Nat. Hist. (8) 15: 576, June 1915. Silhouette Island, Seychelles group.



## TAPHOZOUS E. Geoffroy. Tomb Bats

*Taphozous* E. Geoffroy, Description de l'Egypte, 2: 113, 1818. Genotype  
*Taphozous perforatus* Geoffroy. Oken, Lehrbuch d. Naturg., pt. 3, zool.,  
 sect. 2, p. 926, 1816, is by some considered an authority.

## TAPHOZOUS HAMILTONI Thomas

*Taphozous hamiltoni* Thomas, Ann. Mag. Nat. Hist. (9) 5: 142, Jan. 1920.  
 Mongalla, Sudan.

## TAPHOZOUS HILDEGARDEÆ Thomas

*Taphozous hildegardeæ* Thomas, Ann. Mag. Nat. Hist. (8) 4: 98, Aug. 1909.  
 Rabai, Mombasa district, Kenya Colony.

## TAPHOZOUS MAURITIANUS MAURITIANUS E. Geoffroy

*Taphozous mauritianus* E. Geoffroy, Description de l'Egypte, 2: 127, 1818.  
 Island of Mauritius.

*Taphozous leucopterus* Temminck, Monogr. de. Mammalogie, 2: 284, pl. 60,  
 f. 7, 1835-41. Interior of South Africa.

*Taphozous dobsoni* Jentink, Notes Leyden Mus., 1: 123, Apl. 1879. Mahambo,  
 Madagascar.

## TAPHOZOUS MAURITIANUS CINERASCENS Seabra

*Taphozous maritimus* (sic) *cinerascens* Seabra, Jorn. de Sci. Math., Phys. e  
 Nat., Lisboa, (2) 6: 77, Aug. 1900. Benguella, Angola (? valid race).

## TAPHOZOUS PERFORATUS PERFORATUS E. Geoffroy

*Taphozous perforatus* E. Geoffroy, Description de l'Egypte, 2: 126, 1818.  
 Egypt.

## TAPHOZOUS PERFORATUS HÆDINUS Thomas

*Taphozous perforatus hædinus* Thomas, Journ. Bombay Nat. Hist. Soc., 24:  
 62, 30 Sept. 1915. Chanler Falls, northern Guaso Nyiro, Kenya Colony.  
 Range: Kenya Colony to Aden.

## TAPHOZOUS SENEGALENSIS Desmarest

*Taphozous senegalensis* Desmarest, Encyclop. Méthodique, Mammalogie, 1:  
 130, 1820. Senegal (based on "le lérot-volant" of Daubenton, Mém.  
 Acad. Paris, p. 386, 1759).

## TAPHOZOUS SUDANI Thomas

*Taphozous sudani* Thomas, Ann. Mag. Nat. Hist. (8) 15: 561, June 1915.  
 Mongalla, north of Lado, Upper Nile, Sudan.

## LIPONYCTERIS Thomas

*Liponycteris* Thomas, Ann. Mag. Nat. Hist. (9) 9: 266, Mar. 1922. Genotype  
*Taphozous nudiventris* Cretzschmar.

## LIPONYCTERIS NUDIVENTRIS (Cretzschmar)

*Taphozous nudiventris* Cretzschmar in Rüppell's Atlas, Reise Nord-ost Afrika, Säugethiere, p. 70, fig. 27b, 1826.

*Taphozous nudiventer* Temminck, Monogr. de Mammalogie, 2: 280, 1835-41 (lapsus cal.).

*Nycticejus serratus* Heuglin, Reise in Nordost-Afrika, 2: 35, 1877. "Scherq el Aqabah," on the Araschkol and nearby mountains, ?Abyssinia.

*Taphozous perforatus* var. *assabensis* Monticelli, Ann. Accad. Aspir. Nat., Napoli, 1: 78, pl. 7, 1885. Assab, Eritrea. A synonym of *perforatus* fide Monticelli, but Senna, A., 1905, who examined the type says it is *T. nudiventris*.

## SACCOLAIMUS Lesson

*Saccolaimus* Lesson, Nouv. Tabl. Règne Anim., Mamm., p. 19, 1842 (published as a syn. of *Taphozous*), a nomen nudum; Gray, Ann. Mag. Nat. Hist., (3) 17: 92, Feb. 1866 (no type designated); Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 61: sect. 1, 483, Apl. 1870. Genotype *Taphozous saccolaimus* Temminck.

*Taphonycteris* Dobson, Proc. Zool. Soc. London, p. 548, 1875. As a subgenus of *Taphozous* for *Taphozous saccolaimus*, *T. affinis* and *T. peli*.

## SACCOLAIMUS PELI (Temminck)

*Taphozous peli* Temminck, Esquisses zool. sur la côte de Guinée, p. 82, 1853. Boutry River, Gold Coast.

## Family NYCTERIDÆ. Hollow-faced Bats

## NYCTERIS G. Cuvier and E. Geoffroy

*Nycteris* Cuvier and Geoffroy, Méthode Mammalogique, in Mag. Encyclopédique, 1 année, 2: 186, 1795; Geoffroy, Cat. Mamm. Mus. National d'Hist. Nat., Paris, p. 64, 1803. Genotype *Vespertilio hispidus* Schreber. Not *Nycteris* Borkhausen, Der Zoologe (Compendiose Bibliothek gemeinnützigsten Kenntnisse für alle Stände, pt. 21), no. 4-7, p. 66, 1797; genotype *Vespertilio borealis* S. L. Müller = *Lasiurus borealis* (Müller).

Adopted by Opinion 111 of International Comm. of Zool. Nomenclature, see Smithsonian Misc. Coll., 73: no. 6, p. 18, 8 June 1929.

*Nycteris* Desmarest, Nouv. Dictionnaire d'Hist. Nat., 15: 501, 1803.

*Petalia* Gray, Mag. Zool. and Bot., 2: 494, 1838. Genotype *Nycteris javanica* Geoffroy.

*Nycterops* Gray, Proc. Zool. Soc. London, p. 83, May 1866. Genotype *Nycterops pilosa* Gray = *Nycteris hispida* (Schreber).

Review (as *Petalia*): Andersen, K. Brief diagnoses of eight new *Petalia*, with a list of the known forms of the genus. Ann. Mag. Nat. Hist. (8) 10: 546-550, Nov. 1912.

NYCTERIS ÆTHIOPICA ÆTHIOPICA Dobson

*Plecotus æthiopicus* Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: pt. 1, p. 546, 1866; Heuglin, Reise in Nordost-Afrika, 2: 31, 1877. Bahr-el-Abiad, Anglo-Egyptian Sudan; a nomen nudum.

*Nycteris æthiopica* Dobson, Cat. Chiroptera Brit. Mus., p. 165, 1878. Kordofan.

NYCTERIS ARGE Thomas

*Nycteris arge* Thomas, Ann. Mag. Nat. Hist. (7) 12: 633, Dec. 1903. Efulen, Cameroons.

Range: Northeastern Congo Belge to Cameroons and Liberia.

NYCTERIS AURITA (K. Andersen)

*Petalia aurita* K. Andersen, Ann. Mag. Nat. Hist. (8) 10: 547, Nov. 1912. Kilifi, Kenya Colony.

Range: Somaliland and Kenya Colony.

NYCTERIS AVAKUBIA J. A. Allen

*Nycteris awakubia* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 426, fig. 3, 29 Sep. 1917. Avakubi, Congo Belge.

NYCTERIS CAPENSIS A. Smith

*Nycteris capensis* A. Smith, Zool. Journ., 4: 434, 1829. Interior of South Africa.

*Nycteris affinis* A. Smith, Zool. Journ., 4: 434, 1829. South Africa.

*Nycteris discolor* Wagner, Schreber's Säugthiere, Suppl., 1: 440, 1840; 5: 646, 1855. "Südspitze von Afrika."

*Nycteris fuliginosa* Peters, Reise nach Mossambique, Säugthiere, p. 46, pl. 10, 1852. Boror, 12 miles northwest of Quelimane, Mozambique.

NYCTERIS DAMARENSIS DAMARENSIS Peters

*Nycteris damarensis* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1870, p. 905, 1871. Otjimbingue, Damaraland, Southwest Africa.

NYCTERIS DAMARENSIS BROCKMANI (K. Andersen)

*Petalia damarensis brockmani* Andersen, Ann. Mag. Nat. Hist. (8) 10: 548, Nov. 1912. Upper Sheikh, British Somaliland.

Range: Somaliland to Eritrea.

## NYCTERIS DAMARENSIS MEDIA (K. Andersen)

*Petalia damarensis media* K. Andersen, Ann. Mag. Nat. Hist. (8) 10: 548, Nov. 1912. Harar, Abyssinia.

Range: Abyssinia.

## NYCTERIS GAMBIENSIS (K. Andersen)

*Petalia gambiensis* K. Andersen, Ann. Mag. Nat. Hist. (8) 10: 548, Nov. 1912. Diallocote, French Gambia.

## NYCTERIS GRANDIS Peters

*Nycteris grandis* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 358, 1865; for 1870, p. 906, 1871. "Guinea."

*Nycteris baikii* Gray, MS., in Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1866, p. 672, 1867. West Africa.

## NYCTERIS HISPIDA (Schreber)

*Vespertilio hispidus* Schreber, Säugthiere, 1: 169, 188, pl. 56, 1775. Senegal.

*Nycteris villosa* Peters, Reise nach Mossambique, Säugethiere, p. 48, pl. 11, 1852. Inhambane, Mozambique.

*Rhinolophus martini* Fraser, Proc. Zool. Soc. London, p. 25, July 1843. Fernando Po.

*Nycteris daubentonii* E. Geoffroy, Ann. Mus. d'Hist. Nat., Paris, 20: 19, Aug. 1813. Senegal.

*Nycteris poensis* Gray, Cat. Spec. Mamm. Brit. Mus., p. 24, 13 May 1843 (nomen nudum). Fernando Po.

*Nycterops pilosa* Gray, Proc. Zool. Soc. London, p. 83, May 1866. "Africa."

## NYCTERIS LUTEOLA Thomas

*Nycteris aethiopica luteola* Thomas, Ann. Mag. Nat. Hist. (7) 8: 30, July 1901. Kitui, Kenya Colony.

Range: Zanzibar and Uganda, west to Loanda.

## NYCTERIS MACROTIS Dobson

*Nycteris macrotis* Dobson, Monogr. Asiatic Chiroptera, p. 80, 1876. Sierra Leone.

*Nycteris geoffroyi* Desmarest, Encyclop. Méthodique, Mammalogie, 1: 127, 1820. Based on an individual from 40 leagues east of Podoo, Senegal, but the name also includes the Egyptian *thebaica*.

"May be an earlier name" for *N. macrotis* but "unless the type should have been preserved, the identification appears rather doubtful" (Andersen, K., Ann. Mag. Nat. Hist. (8) 10: 549, footnote, Nov. 1912).

## NYCTERIS MADAGASCARIENSIS G. Grandidier

*Nycteris madagascariensis* G. Grandidier, Bull. Mus. d'Hist. Nat., Paris, (2) 9: 353, Nov. 1937. Valley of the Rodo, Madagascar.

## NYCTERIS MAJOR (K. Andersen)

*Petalia major* K. Andersen, Ann. Mag. Nat. Hist. (8) 10: 547, Nov. 1912. Ja River, Cameroons.

Range: Northeastern Congo Belge to Cameroons.

## NYCTERIS MARICA Kershaw

*Nycteris marica* Kershaw, Ann. Mag. Nat. Hist. (9) 12: 534, Oct. 1923. Tindiga, Kilosa, Tanganyika Territory.

## NYCTERIS NANA NANA (K. Andersen)

*Petalia nana* K. Andersen, Ann. Mag. Nat. Hist. (8) 10: 547, Nov. 1912. Benito River, French Congo.

## NYCTERIS NANA TRISTIS G. M. Allen and Lawrence

*Nycteris nana tristis* G. M. Allen and Lawrence, Bull. Mus. Comp. Zool., 79: 47, 30 Jan. 1936. Kaimosi, Kakamega district, Kenya Colony.

## NYCTERIS ORIANA Kershaw

*Nycteris oriana* Kershaw, Ann. Mag. Nat. Hist. (9) 10: 179, Aug. 1922. Chirromo, Shiré Valley, Nyasaland.

## NYCTERIS PALLIDA J. A. Allen

*Nycteris pallida* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 425, 29 Sep. 1917. Faradje, Congo Belge.

Range: Northeastern Congo Belge to Liberia.

## NYCTERIS PARISII (de Beaux)

*Petalia parisi* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 62: 254, Feb. 1924. Balli, southern Italian Somaliland.

## NYCTERIS PROXIMA Lönnberg and Gyldenstolpe

*Nycteris proxima* Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17B: no. 9, p. 1, 14 May 1925. Kartoushi, Semliki Valley, Congo Belge.

## NYCTERIS REVOILII Robin

*Nycteris revoilii* Robin, Bull. Soc. Philom. Paris, (7) 5: 90, 1881. Somaliland.  
*Nycteris labiata* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 5, 1861. Kérén, Bogosland, Abyssinia. Perhaps antedates *N. revoilii* Robin (Andersen, 1912: 550, footnote). Dobson makes it a synonym of *N. thebaica*.

## NYCTERIS THEBAICA THEBAICA E. Geoffroy

*Nycteris thebaicus* E. Geoffroy, Description de l'Égypte, 2: 119, pl. 1, no. 2, 1818. Egypt.

*Nycteris albiiventer* Wagner, Schreber's Säugthiere, Suppl., 1: 439, 1840. Nubia.

*Nycteris angolensis* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1870, p. 903, 1871. Caconda, Biballa, Rio Coroca, Angola. Probably distinct. Range: Egypt and northern Arabia; Island of Corfu. ? Angola.

NYCTERIS THEBAICA AURANTIACA (de Beaux)

*Petalia (Nycteris) thebaica aurantiaca* de Beaux, Atti Soc. Ital. Sci. Nat. Milano, 62: 91, July 1923. Archer's Post, Northern Guaso Nyiro, Kenya Colony.

NYCTERIS WOODI Andersen

*Nycteris woodi* Andersen, Ann. Mag. Nat. Hist. (8) 13, 563, June 1914. Chilanga, northwestern Rhodesia, 4100 feet.

Family MEGADERMIDÆ. Big-eared Bats

Review: Andersen, K., and Wroughton, R. C. On the bats of the family Megadermatidæ. Ann. Mag. Nat. Hist. (7) 19: 129-145, 1907.

CARDIODERMA Peters

*Cardioderma* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 488, 1873. As a subgenus of *Megaderma*; type *Megaderma cor* Peters.

CARDIODERMA COR (Peters)

*Megaderma cor* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 194, 1872. Abyssinia.

LAVIA Gray. Yellow-winged Bat

*Lavia* Gray, Mag. Zool. and Bot., 2: 490, 1838. Genotype *Megaderma frons* E. Geoffroy.

<sup>4</sup> *Livia* L. Agassiz, Nomenclator Zool., Mamm., addenda, p. 6, 1846 (misspelling of *Lavia*).

*Megaderma* E. Geoffroy, Ann. Mus. d'Hist. Nat., Paris, 15: 192, 1810 (in part)

LAVIA FRONS FRONS (E. Geoffroy)

*Megaderma frons* E. Geoffroy, Ann. Mus. d'Hist. Nat., Paris, 15: 192, 1810. Senegal.

LAVIA FRONS AFFINIS Andersen and Wroughton

*Lavia frons affinis* Andersen and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 140, Feb. 1907. Kaka, White Nile, Anglo-Egyptian Sudan.

LAVIA FRONS REX Miller

*Lavia rex* Miller, Proc. Biol. Soc. Washington, 18: 227, 9 Dec. 1905. Taveta, Tanganyika Territory.

## Family RHINOLOPHIDÆ. Horseshoe Bats

Reviews: Andersen, Knud. On some bats of the genus *Rhinolophus*, with remarks on their mutual affinities, and descriptions of twenty-six new forms. Proc. Zool. Soc. London, 2: 75-145, pl. 3, 4, Oct. 1905.

Andersen, Knud. A list of the species and subspecies of the genus *Rhinolophus*, with some notes on their geographical distribution. Ann. Mag. Nat. Hist. (7) 16: 648-662, Dec. 1905.

## RHINOLOPHUS Lacépède

*Rhinolophus* Lacépède, Tabl. des Mamm., p. 15, 1799. Genotype *Vespertilio ferrum-equinum* Schreber.

*Rhinocrepis* Gervais, Dictionnaire Pittoresque d'Hist. Nat., 4: pt. 318, p. 617, 1836. Genotype *Vespertilio ferrum-equinum* Schreber, by implication.

*Aquias* Gray, Proc. Zool. Soc. London, p. 15, 13 Apl. 1847. Based on *Rhinolophus luctus* Temminck and *R. trifolius* Temminck.

*Phyllotis* Gray, Proc. Zool. Soc. London, p. 81, May 1866 (not of Waterhouse, 1837). Genotype *Rhinolophus philippinensis* Waterhouse.

*Cælophyllus* Peters, Proc. Zool. Soc. London, for 1866, p. 427, pl. 35, Apl. 1867. Genotype *Rhinolophus cælophyllus* Peters.

*Euryalus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 225, 1901. As a subgenus of *Rhinolophus*; type *Rhinolophus mēhēlyi* Matschie = *R. euryale* Mēhēly.

The *simplex* group (of 1905) or *R. megaphyllus* group of 1918

## RHINOLOPHUS ABÆ J. A. Allen

*Rhinolophus abæ* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 428, 29 Sept. 1917. Aba, Uele district, Congo Belge.

## RHINOLOPHUS ACROTIS ACROTIS Heuglin

*Rhinolophus acrotis* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 4, 10, 1861. Keren, Eritrea, about 15°45' N., 38°30' E.

## RHINOLOPHUS ACROTIS ANDERSONI Thomas

*Rhinolophus andersoni* Thomas, Ann. Mag. Nat. Hist. (7) 14: 156, Aug. 1904. Eastern desert of Egypt, about 22°N., 35°E.

*Rhinolophus acrotis andersoni* K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 454, Dec. 1904.

## RHINOLOPHUS ACROTIS BRACHYGNATHUS K. Andersen

*Rhinolophus acrotis brachygnathus* K. Andersen, Ann. Mag. Nat. Hist. (7) 15: 73, Jan. 1905. Giza, Egypt.



**RHINOLOPHUS ACROTIS SCHWARZI** Heim de Balsac

*Rhinolophus acrotis schwarzi* Heim de Balsac, Bull. Mus. d'Hist. Nat., Paris, (2) 7: 483, Nov. 1934. Djanet, Tassali des Azdjers, Sahara.

**RHINOLOPHUS ALCYONE ALCYONE** Temminck

*Rhinolophus alcyone* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 80 1852. Boutry River, Gold Coast.

Type in Leiden Mus., but description has not "one single word of any value for identifying the species or determining its affinities" — K. Andersen.

**RHINOLOPHUS ALCYONE ALTICOLUS** Sanborn

*Rhinolophus alcyone alticolus* Sanborn, Zool. Ser. Field Mus. Nat. Hist., 20: 108, 15 Aug. 1936. Mt. Cameroon, Cameroon Mandate, 5800 feet.

**RHINOLOPHUS ANDREINII** Senna

*Rhinolophus andreinii* Senna, Archivio Zool. Ital., 2: 256, pl. 16, f. 1; pl. 18, f. 7-16, 30 Sept. 1905. Adi Ugri, Eritrea.

**RHINOLOPHUS AXILLARIS** J. A. Allen

*Rhinolophus axillaris* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 429, 29 Sept. 1917. Aba, Uele district, Congo Belge; "apparently a member of the *landeri* group."

**RHINOLOPHUS BEMBANICUS** Senna

*Rhinolophus bembanicus* Senna, Annuario Mus. Zool. R. Univ. Napoli, (2) 4: no. 9, p. 1, 2, text-fig. 1, 2, 27 Mar. 1914. Lake Bengueolo, Rhodesia.

**RHINOLOPHUS BLASII** Peters

*Rhinolophus blasii* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1866, p. 17, 1867. Based on the *R. clivosus* of Blasius.

**RHINOLOPHUS BROCKMANI** Thomas

*Rhinolophus brockmani* Thomas, Ann. Mag. Nat. Hist. (8) 5: 192, Feb. 1910. Upper Sheikh, British Somaliland, 4500 feet.

**RHINOLOPHUS CAPENSIS** Lichtenstein

*Rhinolophus capensis* Lichtenstein, Verzeichniss d. Doubletten Mus. Berlin, p. 4, 1823. Cape of Good Hope.

*Rhinolophus auritus* Sundevall, in Grill, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 2: no. 10, p. 13, footnote, 1860. Belvedere, near Knysna, Cape of Good Hope.

Range: Western part of Cape Colony north to mountains from which the coastal rivers drain, east to Winter-Bergen.

## RHINOLOPHUS CLIVOSUS Cretzschmar

*Rhinolophus clivosus* Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördlichen Afrika, Säuegeth., p. 47, 1826. Mohila, Arabia.

Range: Red Sea coasts of Arabia and Gulf of Aden, African side (Berbera).

## RHINOLOPHUS DARLINGI DARLINGI K. Andersen

*Rhinolophus darlingi* K. Andersen, Ann. Mag. Nat. Hist. (7) 15: 70, Jan. 1905. Mazoe, Mashonaland, Rhodesia.

Range: Across South Africa from Rhodesia to Angola.

## RHINOLOPHUS DARLINGI BARBERTONENSIS Roberts

*Rhinolophus darlingi barbertonensis* Roberts, Ann. Transvaal Mus., 10: 59, 31 Jan. 1924. Louw's Creek, Barberton, South Africa.

## RHINOLOPHUS DECKENII Peters

*Rhinolophus deckenii* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1867, p. 705, 1868. Zanzibar coast.

## RHINOLOPHUS DENTI Thomas

*Rhinolophus denti* Thomas, Ann. Mag. Nat. Hist. (7) 13: 386, May 1904. Kuruman, Bechuanaland, South Africa.

## RHINOLOPHUS DOBSONI Thomas

*Rhinolophus dobsoni* Thomas, Ann. Mag. Nat. Hist. (7) 14: 156, footnote, Aug. 1904. Kordofan, Anglo-Egyptian Sudan.

## RHINOLOPHUS EURYALE BARBARUS (K. Andersen and Matschie)

*Euryalus barbarus* K. Andersen and Matschie, Sitzb. Ges. Naturf. Freunde Berlin, p. 79, 1904. Tangiers, Morocco.

*Rhinolophus algirus* Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, p. 83, 1867. "Jardin Marengo," Algeria.

This name is not certainly identifiable but may possibly prove to supersede *barbarus* if the types can be found. This, too, is probably the bat intended by Heim de Balsac in recording *Rhinolophus meyeli* (= *mehelyi*) from Laghouat, Algeria, Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 320, 1936).

Range: Coastwise from Tangiers to Tunis.

## RHINOLOPHUS EURYALE JUDAICUS (K. Andersen and Matschie)

*Euryalus judaicus* K. Andersen and Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 80, 1904. Jerusalem, Palestine, Cave Adullam.

Range: Palestine to Lower Egypt. "Specimens from Lower Egypt are indistinguishable from those of Palestine." — K. Andersen.

## RHINOLOPHUS EURYALE MERIDIONALIS (K. Andersen and Matschie)

*Euryalus meridionalis* K. Andersen and Matschie, Sitzb. Ges. Naturf. Freunde, p. 79, 1904. Algeria ("probably a mountain form").

## RHINOLOPHUS FERRUM-EQUINUM OBSCURUS Cabrera

*Rhinolophus ferrum-equinum obscurus* Cabrera, Mem. Soc. Española Hist. Nat., Madrid, 2: 257, 1904. Valencia, Spain.

Range: Spanish peninsula, Balearic Islands, and Algeria.

## RHINOLOPHUS FOXI Thomas

*Rhinolophus foxi* Thomas, Ann. Mag. Nat. Hist. (8) 11: 314, Mar. 1913.

Kabwir, Bauchi plateau, northern Nigeria.

## RHINOLOPHUS GEOFFROYII GEOFFROYII A. Smith

*Rhinolophus geoffroyii* A. Smith, Zool. Journ., 4: 433, May 1829. South Africa.

Replaces *R. augur* according to Roberts, Ann. Transvaal Mus., 6: 112, Apl. 1919.

*Rhinolophus augur* K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 380, Nov. 1904.

Kuruman, Bechuanaland, South Africa.

Range: Orange River area, Bechuanaland to Transvaal.

## RHINOLOPHUS GEOFFROYII KENIENSIS Hollister

*Rhinolophus keniensis* Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 2, 10 Feb. 1916. Mount Kenya, Kenya Colony, 7000 feet.

## RHINOLOPHUS GEOFFROYII ZAMBESIENSIS K. Andersen

*Rhinolophus augur zambesiensis* K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 383, Nov. 1904. Fort Hill, northern Nyasaland.

## RHINOLOPHUS GEOFFROYII ZULUENSIS K. Andersen

*Rhinolophus augur zuluensis* K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 383, Nov. 1904. Jususie Valley, 20 miles northwest of Eshowe, Zululand, Natal.

## RHINOLOPHUS LANDERI Martin

*Rhinolophus landeri* Martin, Proc. Zool. Soc. London, for 1837, p. 101, 25 May 1838. Fernando Po.

## RHINOLOPHUS LOBATUS Peters

*Rhinolophus lobatus* Peters, Reise nach Mossambique, Säugethiere, p. 41, pl. 9; pl. 13, f. 16, 17, 1852. Sena, Tette, Mozambique.

## RHINOLOPHUS SIMULATOR K. Andersen

*Rhinolophus simulator* K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 384, Nov. 1904. Mazoe, Mashonaland, Rhodesia.

The *Rhinolophus lepidus* group (of 1905) or  
*R. pusillus* group of 1918

RHINOLOPHUS EMPUSA K. Andersen

*Rhinolophus empusa* K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 378, Nov. 1904.  
Zomba, Nyasaland.

The *Rhinolophus midas* group (of 1905) or  
*R. hipposideros* group of 1918

RHINOLOPHUS HIPPOSIDEROS ESCALERÆ K. Andersen

*Rhinolophus hipposideros escaleræ* K. Andersen, Ann. Mag. Nat. Hist. (9) 2:  
378, Oct. 1918. Ha-ha, Mogador, Morocco.

RHINOLOPHUS HIPPOSIDEROS MINIMUS Heuglin

*Rhinolophus minimus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29:  
no. 8, p. 4, 6, 1861. Kérén, Eritrea.

*Rhinolophus biastatus* E. Geoffroy, Description de l'Égypte, 2: 132, 1818;  
Ann. Mus. d'Hist. Nat., Paris, 20: 265, 1813. Europe.

*Rhinolophus hipposiderus minimus* K. Andersen, Ann. Mag. Nat. Hist. (7) 14:  
455, Dec. 1904.

Range: Mediterranean subregion, south to Sennaar, east to Eritrea; not  
known from Egypt.

RHINOLOPHUS HIPPOSIDEROS VESPA Laurent

*Rhinolophus hipposideros vespa* Laurent, Bull. Soc. d'Hist. Nat. de l'Afrique  
du Nord, 28: 157, text f. 1-2, Feb. 1937. Korifla, Morocco.

The *R. philippinensis* group (of 1905) or  
the *R. luctus* group of 1918

RHINOLOPHUS MACLAUDI Pousargues

*Rhinolophus macclaudi* Pousargues, Bull. Mus. d'Hist. Nat., Paris, 3: 358, f. 1, 2,  
1897. Konakri Island, French Guinea.

The *Rhinolophus macrotis* group

RHINOLOPHUS ÆTHIOPS Peters

*Rhinolophus aethiops* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 637,  
1868 (=1869?). Otjimbingue, Southwest Africa.

## RHINOLOPHUS ELOQUENS K. Andersen

*Rhinolophus hildebrandti eloquens* K. Andersen, Ann. Mag. Nat. Hist. (7) 15: 74, Jan. 1905. Entebbe, Uganda.

*Rhinolophus eloquens* Andersen, Ann. Mag. Nat. Hist. (7) 16: 651, Dec. 1905.

## RHINOLOPHUS FUMIGATUS FUMIGATUS Rüppell

*Rhinolophus fumigatus* Rüppell, Museum Senckenburgianum, 3: 132, 155, 1842. Shoa.

*Rhinolophus macrocephalus* Heuglin, Reise in Nordost-Afrika, 2: 22, 1877. Adowa, Abyssinia.

*Rhinolophus antinorii* Dobson, Ann. Mus. Civ. Stor. Nat. Genova, (2) 2: 16, 22 May 1885. Daimbi, Shoa.

Range: Somaliland, Abyssinia, Eritrea.

## RHINOLOPHUS FUMIGATUS EXSUL K. Andersen

*Rhinolophus fumigatus exsul* K. Andersen, Ann. Mag. Nat. Hist. (7) 15: 74, Jan. 1905. Kitui, Kenya Colony.

## RHINOLOPHUS HILDEBRANDTII HILDEBRANDTII Peters

*Rhinolophus hildebrandtii* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 195, pl. 1, f. 1, 1a, 1878. Ndi, Taita, Kenya Colony.

## RHINOLOPHUS HILDEBRANDTII PERAURITUS de Beaux

*Rhinolophus hildebrandtii perauritus* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 61: 22, Feb. 1922. Territory of the Rahanuin, southern Somaliland.

## Group uncertain

## RHINOLOPHUS ANGOLENSIS Seabra

*Rhinolophus angolensis* Seabra, Jorn. de Sci. Math., Phys. e Nat., Lisboa (2) 5: 250, 1898; (2) 6: 117, Aug. 1900. Hanha, Angola.

## RHINOLOPHUS SWINNYI SWINNYI Gough

*Rhinolophus swinnyi* Gough, Ann. Transvaal Mus., 1: 71, 2 text-f., Apl. 1908. Ngqeleni district, western Pondoland, South Africa.

## RHINOLOPHUS SWINNYI PIRIENSIS Hewitt

*Rhinolophus swinnyi piriensis* Hewitt, Albany Mus. Records, 2: 402, 6 Feb. 1913. Pirie, eastern Cape Colony, South Africa.

## Family HIPPOSIDERIDÆ. Horseshoe Bats

## ASELLIA Gray. Trident Bats

*Asellia* Gray, Mag. Zool. and Bot., 2: 493, 1838 (as a subgenus of *Hipposideros*);  
Gray, List Spec. Mamm. Brit. Mus., p. 24, 13 May 1843 (as a genus).  
Genotype *Rhinolophus tridens* E. Geoffroy.

## ASELLIA PATRIZII de Beaux

*Asellia patrizii* de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, 55: 186, 6 June  
1931. Gaarre, Dancalia, Ethiopia.

## ASELLIA TRIDENS TRIDENS (E. Geoffroy)

*Rhinolophus tridens* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 20: 265, 1813.  
Description de l'Egypte, 2: 130, 1818. Egypt.  
Range: Northeastern Africa, Egypt to Zanzibar.

## ASELLIA TRIDENS DILUTA K. Andersen

*Asellia tridens diluta* K. Andersen, Ann. Mag. Nat. Hist. (9) 2: 379, Oct. 1918.  
El Golea, Algerian Sahara.

## ASELLIA TRIDENS ITALOSOMALICA de Beaux

*Asellia tridens italosomalica* de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, 55:  
190, 6 June 1931. Oddur, Italian Somaliland.

## CLÆOTIS Thomas

*Clæotis* Thomas, Ann. Mag. Nat. Hist. (7) 8: 28, July 1901. Genotype *Clæotis*  
*percivali* Thomas.

## CLÆOTIS PERCIVALI PERCIVALI Thomas

*Clæotis percivali* Thomas, Ann. Mag. Nat. Hist. (7) 8: 28, July 1901. Takaungu,  
north of Mombasa, Kenya Colony.

## CLÆOTIS PERCIVALI AUSTRALIS Roberts

*Clæotis percivali australis* Roberts, Ann. Transvaal Mus., 5: 264, 16 May 1917.  
Mooimeisjesfontein, Rustenburg, South Africa.

## HIPPOSIDEROS Gray

*Hipposideros* Gray, Zool. Miscellany, p. 37, 1831. Genotype *Vespertilio speoris*  
Schreber.

*Gloionycteris* Gray, Proc. Zool. Soc. London, p. 82, May 1866. Type *Phyllo-*  
*rhina armiger* Hodgson.

*Phyllorrhina* Bonaparte, Iconogr. della Fauna Italica, pt. 21, 3d page, 1837.

As a subgenus of *Rhinolophus*; type *Rhinolophus diadema* E. Geoffroy.

*Speorifera* Gray, Proc. Zool. Soc. London, p. 82, May 1866. Genotype *Hipposideros vulgaris* Blyth.

*Chrysonycteris* Gray, Proc. Zool. Soc. London, p. 82, May 1866. Genotype *Hipposideros fulvus* Gray.

*Rhinophylla* Gray, Proc. Zool. Soc. London, p. 82, May 1866. Genotype *Phyllorrhina labuanensis* Tomes.

*Macronycteris* Gray, Proc. Zool. Soc. London, p. 82, May 1866. Genotype *Rhinolophus gigas* Wagner.

*Doryrhina* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 314, 1871. As a subgenus; type *Phyllorrhina cyclops* Temminck.

*Sideroderma* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 324, 1871. As a subgenus; type *Phyllorrhina fuliginosa* Temminck.

*Syndesmotis* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 329, 1871. As a subgenus; type *Phyllorrhina megalotis* Heuglin.

*Ptychorhina* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 325, 1871. As a subgenus; type *Rhinolophus caffer* Sundevall.

*Cyclorhina* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 326, 1871. As a subgenus; types *Phyllorrhina obscura* and *doriæ*.

*Thyreorhina* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 327, 1871. As a subgenus; type *Phyllorrhina coronata* Peters.

*Hipposiderus* Blanford, Proc. Zool. Soc. London, for 1887, p. 637, Apl. 1888 (variant).

#### HIPPOSIDEROS ABÆ J. A. Allen

*Hipposideros abæ* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 432, 29 Sep. 1917. Aba, Uele district, Congo Belge.

#### HIPPOSIDEROS BEATUS K. Andersen

*Hipposiderus beatus* K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 279, Mar. 1906. Fifteen miles from Benito River, West Africa.

Range: Cameroons and Liberia.

#### HIPPOSIDEROS CAFFER CAFFER (Sundevall)

*Rhinolophus caffer* Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 118, 1846. Near Port Natal.

*Phyllorrhina gracilis* Peters, Reise nach Mossambique, Säugeth., p. 36, pl. 7, f. 1-4; pl. 13, f. 14-15, 1852. Tette, lower Zambesi, Mozambique.

*Phyllorrhina bicornis* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 4, 7, 1861. Kérén, Eritrea.

#### HIPPOSIDEROS CAFFER ANGOLENSIS (Seabra)

*Phyllorrhina angolensis* Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 5: 256, Dec. 1898. Rio Coroca, Angola.



*Hipposiderus caffer angolensis* K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 279, Mar. 1906 (valid race).

HIPPOSIDEROS CAFFER CENTRALIS K. Andersen

*Hipposiderus caffer centralis* K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 275, 277, Mar. 1906. Entebbe, Uganda.

HIPPOSIDEROS CAFFER GUINEENSIS K. Andersen

*Hipposiderus caffer guineensis* K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 275, 278, Mar. 1906. Como River, seventy miles from Gaboon.

HIPPOSIDEROS CAFFER NIAPU J. A. Allen

*Hipposiderus caffer niapu* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 431, 29 Sep. 1917. Niapu, northeastern Congo Belge.

HIPPOSIDEROS CAFFER TEPHRUS Cabrera

*Hipposiderus tephros* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 6: 358, July 1906. Mogador, Morocco.

*Hipposiderus caffer tephros* K. Andersen, Ann. Mus. Civ. Stor. Nat. Genova, 43: 12, 10 Apl. 1907.

HIPPOSIDEROS COMMERSONI COMMERSONI (E. Geoffroy)

*Rhinolophus commersoni* E. Geoffroy, Ann. Mus. d'Hist. Nat., Paris, 20: 263, pl. 5, 1813. Fort Dauphin, Madagascar.

HIPPOSIDEROS COMMERSONI MARUNGENSIS (Noack)

*Phyllorhina commersonii* var. *marungensis* Noack, Zool. Jahrb., Syst., 2: 272, pl. 10, f. 31-33, 7 May 1887. Qua Mpala, Marungu, western Tanganyika Territory.

*Hipposideros commersoni mostellum* Thomas, Ann. Mag. Nat. Hist. (7) 13: 385, May 1904. Tana River, Kenya Colony.

HIPPOSIDEROS COMMERSONI THOMENSIS (Bocage)

*Phyllorhina commersoni*, var. *thomensis* Bocage, Journ. Sci. Math., Phys. e Nat., Lisboa, (2) 2: 88, Sep. 1891; (2) 7: 67, 1904. Island of S. Thomé.

*Hipposiderus thomensis* K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 41, Jan. 1906.

HIPPOSIDEROS CYCLOPS (Temminck)

*Phyllorhina cyclops* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 75, 1853. Boutry River, Gold Coast.

*Rhinolophus micaceus* De Winton, Ann. Mag. Nat. Hist. (6) 20: 524, Dec. 1897. Como River, 75 miles from Gaboon. Synonym of *Hipposideros cyclops*, see De Winton, Ann. Mag. Nat. Hist. (7) 4: 454, footnote, 1899.

*Hipposideros langi* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 434, text-fig. 4-6, 29 Sep. 1917. Avakubi, northeastern Congo Belge.

See Hayman, R.W., Ann. Mag. Nat. Hist. (10) 15: 47, Jan. 1935, on status.

HIPPOSIDEROS FULIGINOSUS (Temminck)

*Phyllorhina fuliginosa* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 77, 1853. "La côte de Guinée."

*Hipposiderus fuliginosus* K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 271, Mar. 1906 (valid species). |

HIPPOSIDEROS GIGAS GIGAS (Wagner)

*Rhinolophus gigas* Wagner, Arch. f. Naturgesch., 11: sect. 1, p. 148, 1845. Benguela, Angola.

*Phyllorhina vittata* Peters, Reise nach Mossambique, Säugeth., p. 32, pl. 6; pl. 13, f. 7-13, 1852. Ibo Island, Cap Delgado group, 12° 20' S. (in part, as to the male co-type).

HIPPOSIDEROS GIGAS GAMBIENSIS K. Andersen

*Hipposiderus gigas gambiensis* K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 42, Jan. 1906. Gambia.

HIPPOSIDEROS GIGAS NIANGARÆ J. A. Allen

*Hipposiderus gigas niangaræ* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 438, pl. 51, f. 1, 29 Sep. 1917. Niangara, Uele district, Congo Belge.

HIPPOSIDEROS MEGALOTIS (Heuglin)

*Phyllorhina megalotis* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 4, 8, 1861. Bogos Land, Eritrea.

HIPPOSIDEROS NANUS J. A. Allen

*Hipposiderus nanus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 434, 29 Sep. 1917. Faradje, Uele district, eastern Congo Belge.

HIPPOSIDEROS RUBER (Noack)

*Phyllorhina rubra* Noack, Zool. Jahrb., Syst., 7: 586, pl. 18, f. 14, 15, 23 Dec. 1893. "Lugerrunjere Fluss," Tanganyika Territory.

*Hipposideros ruber* Hollister, Bull. U. S. Nat. Mus., no. 99, part 1, p. 85, 1918 (distinct species from *H. caffer*).

UNIDENTIFIABLE

*Hipposideros sandersoni* Sanderson, Animal Treasure, New York (Viking Press), p. 290 (fig.), p. 296 ("bluish-grey and small"), Sep. 1937. Near Mamfe, Nigeria.

## TRIÆNOPS Dobson

*Triænops* Dobson, Journ. Asiatic Soc. Bengal, 40: pt. 2, 455, pl. 28, 29 Dec. 1871. Genotype *Triænops persicus* Dobson.

## TRIÆNOPS AFER Peters

*Triænops afer* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1876, p. 913, f. 2, 1877. Mombasa, Kenya Colony.

## TRIÆNOPS FURCULA Trouessart

*Triænops furcula* Trouessart, Bull. Mus. d'Hist. Nat. Paris, for 1906, no. 7, p. 446, 1906. Grotto of Sarondrana near Tulear (bay Saint-Augustin), west coast of Madagascar.

*Triænops aurita* G. Grandidier, Bull. Mus. d'Hist. Nat. Paris, 18: 8, text-f., 1912. Near Diego-Suarez, extreme northern Madagascar.

## TRIÆNOPS HUMBLLOTI Milne-Edwards

*Triænops humbloti* Milne-Edwards, Comptes Rend. Acad. Sci. Paris, 91: 1035, 1881. Madagascar (east coast).

## TRIÆNOPS PERSICUS Dobson

*Triænops persicus* Dobson, Journ. Asiatic Soc. Bengal, 40: pt. 2, 455, pl. 28, 29 Dec. 1871. Near Shiraz, Persia.

Range: Persia to Egypt.

## TRIÆNOPS RUFUS Milne-Edwards

*Triænops rufus* Milne-Edwards, Comptes Rend. Acad. Sci. Paris, 91: 1035, 1881. Madagascar (east coast).

## Family MYZOPODIDÆ. Sucker-footed Bat

## MYZOPODA Milne-Edwards and A. Grandidier

*Myzopoda* Milne-Edwards and A. Grandidier, Bull. Soc. Philom., Paris, (7) 2: 220, 1878. Genotype *Myzopoda aurita* Milne-Edwards and A. Grandidier. *Myzopoda* Dobson, Proc. Zool. Soc. London, for 1878, p. 871, Apl. 1879 (lapsus calami).

## MYZOPODA AURITA Milne-Edwards and A. Grandidier

*Myzopoda aurita* Milne-Edwards and A. Grandidier, Bull. Soc. Philom., Paris, (7) 2: 220, 1878. Madagascar.

Range: Madagascar.

## Family VESPERTILIONIDAE. Simple-nosed Bats

## BARBASTELLA Gray. Barbastelle

*Barbastella* Gray, London Medical Repository, 15: 300, 1 Apl. 1821. Genotype *Vespertilio barbastellus* Schreber.

*Synotus* Keyserling and Blasius, Arch. f. Naturgesch., 5: sect. 1, 305, 1839. Genotype *Vespertilio barbastellus* Schreber.

## BARBASTELLA BARBASTELLUS (Schreber)

*Vespertilio barbastellus* Schreber, Säugthiere, 1: 168, pl. 55, 1775. Burgundy and Germany.

*Vespertilio leucomelas* Cretzschmar, Rüppell's Atlas, Reise im Nördl. Afrika, Säugeth., p. 73, pl. 28b, 1826. Arabia Petraea.

## CISTUGO Thomas

*Cistugo* Thomas, Ann. Mag. Nat. Hist. (8) 10: 205, Aug. 1912. Genotype *Cistugo seabræ* Thomas.

## CISTUGO LESUEURI Roberts

*Cistugo lesueuri* Roberts, Ann. Transvaal Mus., 6: 112, Apl. 1919. Lormarina, Paarl district, Cape Colony.

## CISTUGO SEABRÆ Thomas

*Cistugo seabræ* Thomas, Ann. Mag. Nat. Hist. (8) 10: 205, Aug. 1912. Mossamedes, Angola.

## EPTESICOPS Roberts

*Eptesicops* Roberts, Ann. Transvaal Mus., 11: 245, 14 Sep. 1926. Genotype *Scotophilus rusticus* Tomes.

## EPTESICOPS RUSTICUS (Tomes).

*Scotophilus rusticus* Tomes, Proc. Zool. Soc. London, pp. 31, 35, May 1861. Damaraland, Southwest Africa; lectotype from Olifants Vlei.

## EPTESICUS Rafinesque. Serotine Bats

*Eptesicus* Rafinesque, Annals of Nature, p. 2, 1820. Genotype *Eptesicus melanops* Rafinesque = *Vespertilio fuscus* Beauvois.

*Cnephæus* Kaup, Skizzirte Entwick.-Gesch. u. Natürlich. Syst. d. Europ. Thierwelt, 1: 103, 1829. Genotype *Vespertilio serotinus* Schreber.

*Meteorus* Kolenati, Allgemein. Deutsch. Naturh. Zeitung, Dresden, (2) 2: 131, 1856 (in part).

- Cateorus* Kolenati, Allgemein. Deutsch. Naturh. Zeitung, Dresden, (2) 2: 131, 1856. Genotype *Vespertilio serotinus* Schreber.
- Amblyotus* Kolenati, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 29: 252, 1858. Genotype *Amblyotus atratus* Kolenati = *Eptesicus nilssoni* (Keyserling and Blasius).
- Scotophilus* H. Allen, Monogr. Bats No. Amer., Smithsonian Misc. Coll., no. 165, p. 27, June 1864 (in part).
- Pachyomus* Gray, Ann. Mag. Nat. Hist. (3) 17: 90, Feb. 1866. Genotype *Scotophilus pachyomus* Tomes.
- Nyctiptenus* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 62: sect. 1, 424, 1870. Genotype *Vespertilio smithii* Wagner.
- Vesperus* Dobson, Cat. Chiroptera Brit. Mus., p. 184, 1878 (as a subgenus of *Vesperugo*; in part).
- Adelonycteris* H. Allen, Proc. Acad. Nat. Sci. Philadelphia for 1891, p. 466, 19 Jan. 1892 (in part; substitute for *Vesperus*, preoccupied).
- Neoromicia* Roberts, Ann. Transvaal Mus., 11: 245, 14 Sep. 1926. Genotype *Eptesicus zuluensis* Roberts.
- Vespertilio* and *Vesperugo* of various older authors, in part.

EPTESICUS ATER J. A. Allen

- Eptesicus ater* J. A. Allen, Bull. Amer. Mus. Nat. Hist. 37: 443, 29 Sep. 1917. Faradje, northeastern Congo Belge.

EPTESICUS BICOLOR (Bocage)

- Vesperus bicolor* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 5, Mar. 1889. Caconda, Angola.

EPTESICUS BRUNNEUS (Thomas)

- Vesperugo* (*Vesperus*) *brunneus* Thomas, Ann. Mag. Nat. Hist. (5) 6: 165, 1 text-f., Aug. 1880. Old Calabar, West Africa.

EPTESICUS CAPENSIS CAPENSIS (A. Smith)

- Vespertilio capensis* A. Smith, Zool. Journ., 4: 435, Jan.-May 1829. Cape Colony, South Africa.

EPTESICUS CAPENSIS ANGOLENSIS Hill

- Eptesicus capensis angolensis* Hill, Amer. Mus. Novitates, no. 916, p. 1, 17 Apl. 1937. Chitau, Angola.

EPTESICUS CAPENSIS DAMARENSIS (Noack)

- Vesperus damarensis* Noack, Zool. Jahrb., Syst., 4: 213, pl. 5, f. 59, 28 Feb. 1889. Omburo and Golabie, Damaraland, Southwest Africa.

EPTESICUS CAPENSIS GRACILIOR (Thomas and Schwann)

- Vespertilio capensis gracilior* Thomas and Schwann, Proc. Zool. Soc. London, 1: 257, 10 Aug. 1905. Eshowe, Zululand, Natal.

## EPTESICUS CAPENSIS NKATIENSIS Roberts

*Eptesicus capensis nkatiensis* Roberts, Ann. Transvaal Mus., 15: 16, 1 Oct. 1932. Nkate, northern Bechuanaland, South Africa.

## EPTESICUS CAPENSIS SOMALICUS (Thomas)

*Vespertilio minutus somalicus* Thomas, Ann. Mag. Nat. Hist. (7) 8: 32, July 1901. Hargaisa, British Somaliland.

*Eptesicus capensis somalicus* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 1, p. 92, 1918.

*Vespertilio hesperida* Temminck, Monographies de Mammalogie, 2: 211, 1835-41. "Les bords de la Mer rouge vers les côtes d' Abyssinie." Indeterminate; Heuglin refers this to *Miniopterus*.

*Vesperugo senarensis* Fitzinger and Heuglin, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 54: sect. 1, p. 546, 1866; Heuglin, Reise in Nordost-Afrika, 2: 32, 1877 (no description). Khartoum, Anglo-Egyptian Sudan; a nomen nudum.

## EPTESICUS FARADJIUS J. A. Allen

*Eptesicus faradjius* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 444, 29 Sep. 1917. Faradje, northeastern Congo Belge.

## EPTESICUS FLAVESCENS (Seabra)

*Vesperugo (Vesperus) flavescens* Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 6: 23, 1900; (2) 6: 119, Aug. 1900. Galanga, Angola.

## EPTESICUS GARAMBÆ J. A. Allen

*Eptesicus garambæ* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 445, 29 Sep. 1917. Garamba, Congo Belge.

## EPTESICUS GRANDIDIERI (Dobson)

*Vesperugo (Vesperus) grandidieri* Dobson, Ann. Mag. Nat. Hist. (4) 18: 500, Dec. 1876. Zanzibar.

## EPTESICUS GUINEENSIS (Bocage)

*Vesperus guineensis* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 6, Mar. 1889. Bissau, Portuguese Guinea.

## EPTESICUS HUMBLLOTI (Milne-Edwards)

*Vesperus humbloti* Milne-Edwards, Compt. Rendus Acad. Sci. Paris, 91: 1035, 1881. Madagascar.

## EPTESICUS INNESI (Lataste)

*Vesperugo (Vesperus) innesi* Lataste, Ann. Mus. Civ. Stor. Nat. Genova, (2) 4 (=24): 625, 2 text-figs., 25 July 1887. Cairo, Egypt.

*Eptesicus innesi* Thomas, Ann. Mag. Nat. Hist. (9) 4: 350, Nov. 1919.

## EPTESICUS LOVENI Granvik

*Eptesicus* (sic) *loveni* Granvik, Acta Univ. Lund., (2) 21: no. 3, p. 12, 1924.  
Eastern slopes of Mt. Elgon, Kenya Colony, 8000 feet.

## EPTESICUS MATROKA (Thomas and Schwann)

*Vespertilio matroka* Thomas and Schwann, Proc. Zool. Soc. London, 1: 258,  
10 Aug. 1905. Ambositra, Betsileo, Madagascar, 1100 meters.

## EPTESICUS MEGALURUS (Temminck)

*Vespertilio megalurus* Temminck, Monogr. de Mammalogie, 2: 206, 1835-41.  
"L' intérieur de l' Afrique méridionale."  
Range: South Africa to Nyasaland (see Thomas, 1917: 280).

## EPTESICUS MELCKORUM Roberts

*Eptesicus melckorum* Roberts, Ann. Transvaal Mus., 6: 113, Apl. 1919. Kersfontein, Berg River, Cape Province.

## EPTESICUS PHASMA G. M. Allen

*Eptesicus phasma* G. M. Allen, Bull. Mus. Comp. Zool., 54: 327, Dec. 1911.  
Meru River, Northern Guaso Nyiro, Kenya Colony.

## EPTESICUS PLATYOPS (Thomas)

*Vespertilio platyops* Thomas, Ann. Mag. Nat. Hist. (7) 8: 31, July 1901. Lagos; Gold Coast.

## EPTESICUS PUSILLUS (Leconte)

*Vespertilio pusillus* Leconte, Proc. Acad. Nat. Sci., Philadelphia, p. 10, 1857.  
West Africa, doubtless Gaboon. This is probably the same as *Vesperugo pusillus* Noack, in which case the latter becomes a synonym, and the name should be credited to Leconte; the description, however, is insufficient for identification.

*Vesperugo pusillus* Noack, Zool. Jahrb., Syst., 4: 216, pl. 2, f. 2; pl. 5, f. 60-61,  
28 Feb. 1887. Boma, mouth of the Congo, Congo Belge. (?Not *Vespertilio pusillus* Leconte, 1857).

*Vespertilio minuta* Temminck, Monogr. de Mammalogie, 2: 209, 1835-41.  
Cape of Good Hope, South Africa. (Not *Vespertilio minutus* Montagu, 1808).

## EPTESICUS RECTITRAGUS Wettstein

*Eptesicus rectitragus* Wettstein, Anzeiger K. Akad. Wiss. Wien, 53: 191, 1916.  
Dilling, southern Kordofan, Sudan.

## EPTESICUS RENDALLI (Thomas)

*Vesperugo* (*Vesperus*) *rendalli* Thomas, Ann. Mag. Nat. Hist. (6) 3: 362, fig.,  
Apl. 1889; Thomas, Proc. Zool. Soc. London, for 1896, p. 791 and footnote, Apl. 1897. Bathurst, Gambia.  
Range: Mongalla to Nyasaland west to Gambia.



## EPTESICUS SEROTINUS GABONENSIS (Trouessart)

*Vesperugo serotinus* var. *gabonensis* Trouessart, Cat. Mamm. Viv. Foss., ed. 2, pt. 1, p. 108, 1897. Based on Dobson's *Vesperugo serotinus*, var. a, in Cat. Chiroptera Brit. Mus., p. 192, 1878. Gaboon.

## EPTESICUS SEROTINUS ISABELLINUS (Temminck)

*Vespertilio isabellinus* Temminck, Monogr. de Mammalogie, 2: 205, pl. 52, f. 1, 2, 1835-41. "Environs de Tripoli."

## EPTESICUS SMITHII (Wagner)

*Vespertilio smithii* Wagner, Schreber's Säugthiere, Suppl., 5: 747, footnote, 1855. South Africa (based on A. Smith's Illustr. Zool. South Africa, 1848; larger than *E. capensis*, see Thomas and Schwann, Proc. Zool. Soc. London, 1: 258, 1905).

## EPTESICUS TENUIPPINNIS (Peters)

*Vesperus tenuipinnis* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 263, 1872. Guinea.

## EPTESICUS UGANDÆ Hollister

*Eptesicus ugandæ* Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 3, 10 Feb. 1916. Ledgus, Uganda.

## EPTESICUS VANSONI (Roberts)

*Neoromicia vansoni* Roberts, Ann. Transvaal Mus., 15: 15, 1 Oct. 1932. Zweizwe Waterhole, north of Tsotsoroga Pan, northern Bechuanaland.

## EPTESICUS ZULUENSIS Roberts

*Eptesicus zuluensis* Roberts, Ann. Transvaal Mus., 10: 60, text-f. 1, 31 Jan. 1924. White Umfolosi Game Reserve, Zululand, Natal.

## GLAUCONYCTERIS Dobson

*Glauconycteris* Dobson, Proc. Zool. Soc. London, p. 383, Oct. 1875. As a subgenus of *Chalinolobus*, type *Kerivoula poensis* Gray; originally included also *G. variegatus* and *G. argentatus*.

## GLAUCONYCTERIS ALBOGUTTATUS J. A. Allen

*Glauconycteris albuguttatus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 449, text-fig. 7, B, 29 Sep. 1917. Medje, Congo Belge.

## GLAUCONYCTERIS ARGENTATUS (Dobson)

*Chalinolobus argentatus* Dobson, Proc. Zool. Soc. London, p. 385, Oct. 1875. Cameroon Mts., French Equatorial Africa.

*Chalinolobus congicus* Noack, Zool. Jahrb., Syst., 4: 223, pl. 2, f. 1; pl. 5, f. 66-68, 28 Feb. 1889. Netonna, near mouth of Congo River, French Equatorial Africa. (See Thomas, Ann. Mag. Nat. Hist. (8) 11: 144, Jan. 1913, as syn. of *G. argentatus*).

GLAUCONYCTERIS BEATRIX Thomas

*Glauconycteris beatrix* Thomas, Ann. Mag. Nat. Hist. (7) 8: 256, Sep. 1901.

Benito River 15 miles from mouth, French Equatorial Africa.

Range: Cameroons to Entebbe, Uganda.

GLAUCONYCTERIS EGERIA Thomas

*Glauconycteris egeria* Thomas, Ann. Mag. Nat. Hist. (8) 11: 144, Jan. 1913.

Bibundi, Cameroons.

GLAUCONYCTERIS HUMERALIS J. A. Allen

*Glauconycteris humeralis* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 448, text-fig. 7, A, 29 Sep. 1917. Medje, Congo Belge.

GLAUCONYCTERIS POENSIS (Gray)

*Kerivoula poensis* Gray, Ann. Mag. Nat. Hist. (1) 10: 258, Dec. 1842. "Fernando Po," but in reality Abo, Lower Niger (see Allen and Thomson, Exp. Niger, 2: 479, 1848).

*Vesperus (Hesperoptenus) kraussii* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 638, 1868. Yoruba, southern Nigeria (see Thomas, Ann. Mag. Nat. Hist. (8) 11: 145, Jan. 1913).

GLAUCONYCTERIS VARIEGATA VARIEGATA (Tomes)

*Scotophilus variegatus* Tomes, Proc. Zool. Soc. London, p. 36, May 1861.

Otjoro, Southwest Africa.

GLAUCONYCTERIS VARIEGATA PAPILIO Thomas

*Glauconycteris papilio* Thomas, Ann. Mag. Nat. Hist. (7) 15: 77, Jan. 1905.

Entebbe, Uganda.

*Glauconycteris variegata papilio* Thomas, Ann. Mag. Nat. Hist. (8) 15: 560, footnote, June 1915.

Range: Zambesi north to Uganda, and thence west to the Gold Coast.

GLAUCONYCTERIS VARIEGATA PHALÆNA Thomas

*Glauconycteris phalæna* Thomas, Ann. Mag. Nat. Hist. (8) 15: 560, June 1915.

Near Fashoda, White Nile, Anglo-Egyptian Sudan.

LÆPHOTIS Thomas

*Læphotis* Thomas, Ann. Mag. Nat. Hist. (7) 7: 460, May 1901. Genotype

*Læphotis wintoni* Thomas.

## LÆPHOTIS WINTONI Thomas

*Læphotis wintoni* Thomas, Ann. Mag. Nat. Hist. (7) 7: 460, May 1901. Kitui, Kenya Colony, 1150 meters.

## MIMETILLUS Thomas

*Mimetillus* Thomas, Abstr. Proc. Zool. Soc. London, no. 10, p. 12, 22 Nov. 1904; Proc. Zool. Soc. London, for 1904, 2: 188, 18 Apl. 1905. Genotype *Vesperugo moloneyi* Thomas.

The African representative of *Tylonycteris*.

*Vesperugo* Thomas, Ann. Mag. Nat. Hist. (6) 7: 528, June 1891 (in part).

## MIMETILLUS BERNERI Monard

*Mimetillus berneri* Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 49, 1932. Vila da Ponte, Angola.

## MIMETILLUS MOLONEYI (Thomas)

*Vesperugo (Vesperus) moloneyi* Thomas, Ann. Mag. Nat. Hist. (6) 7: 528, text-f., June 1891. Lagos, southern Nigeria.

Range: Sierra Leone and Fernando Po to Nigeria.

## MIMETILLUS THOMASI Hinton

*Mimetillus thomasi* Hinton, Ann. Mag. Nat. Hist. (9) 6: 240, Aug. 1920. N'dola, Northern Rhodesia.

## MYOTIS Kaup. Mouse-eared Bats

*Myotis* Kaup, Skizzirte Entw.-Gesch. u. Natürl. Syst. d. Europ. Thierwelt, 1: 106, 1829. Genotype *Vespertilio myotis* Bechstein.

*Nystactes* Kaup, Skizzirte Entw.-Gesch. u. Natürl. Syst. d. Europ. Thierwelt, 1: 108, 1829 (not of Gloger, 1827). Genotype *Vespertilio leisleri* Kuhl.

*Leuconoe* Boie, Oken's Isis, p. 256, 1830. Genotype "Die Wasserfledermäuse" = *Vespertilio daubentonii* Kuhl.

*Selysius* Bonaparte, Iconogr. d. Fauna Italica, 1: Mamm., Introd., p. 3, 1841. Genotype *Vespertilio mystacinus* Leisler.

*Capaccinius* Bonaparte, Iconogr. d. Fauna Italica, 1: Indice distributivo [6], 1841. Genotype *Vespertilio capaccinii* Bonaparte.

*Trilatitus* Gray, Ann. Mag. Nat. Hist. (1) 10: 258, Dec. 1842. Included three species.

*Brachyotus* Kolenati, Allgemein. Deutsch. Naturhist. Zeitung, Dresden, (2) 2: 131, 1856 (not of Gould, 1837). Included *V. mystacinus*, *daubentonii*, and *dasygneme*.

*Isotus* Kolenati, Allgemein. Deutsch. Naturhist. Zeitung, Dresden, (2) 2: 131, 1856. Included *Vespertilio nattereri* and *emarginatus*.

*Tralatitius* Gray, Ann. Mag. Nat. Hist. (3) 17: 90, Feb. 1866. Genotype not specified.

*Pternopterus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 706, 1867.

As a subgenus of *Vespertilio*; type *Vespertilio* (*Pternopterus*) *lobipes* Peters = *Myotis muricola* (Hodgson).

*Exochurus* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 62: sect. 1, 75, 1870. Included *Vespertilio macrodactylus*, *horsfieldii* = *adversus*, and *macrolarsus*.

*Aëorestes* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 62: sect. 1, 427, 1870. Included *Vespertilio villosissimus*, *albescens*, *lævis* and *nigricans*.

*Comastes* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 62: sect. 1, 565, 1870. Included *Vespertilio capaccinii*, *megapodius*, *dasynceme*, and *limnophilus*.

*Vespertilio* Dobson, Cat. Chiroptera Brit. Mus., p. 284, 1878, and other authors, but not of Linnæus.

#### MYOTIS AFRICANUS (Dobson)

*Vespertilio africanus* Dobson, Ann. Mag. Nat. Hist. (4) 16: 260, Oct. 1875. Gaboon.

#### MYOTIS BOCAGII BOCAGII (Peters)

*Vespertilio bocagii* Peters, Jorn. Sci. Math., Phys. e Nat., Lisboa, (1) 3: 125, Dec. 1870. Duque de Bragança, Angola.

#### MYOTIS BOCAGII CUPREOLUS Thomas

*Myotis bocagei cupreolus* Thomas, Ann. Mag. Nat. Hist. (7) 13: 407, June 1904. Efulen, Cameroons.

#### MYOTIS BOCAGII HILDEGARDEÆ Thomas

*Myotis hildegardeæ* Thomas, Ann. Mag. Nat. Hist. (7) 13: 209, March 1904. Fort Hall, Kenya Colony.

#### MYOTIS CAPACCINII (Bonaparte)

*Vespertilio capaccinii* Bonaparte, Iconogr. Fauna Ital., 1: Mamm., pt. 20 and pl., fig. 2, 1837. Sicily.

*Vespertilio megapodius* Temminck, Monogr. de Mammalogie, 2: 189, 1839. Sardinia.

*Brachyotus blasii* Kolenati, Monogr. Europ. Chiroptera, p. 102, 1859.

*Vespertilio majori* Ninni, Atti R. Ist. Veneto Sci., Lett. ed Arti, Venezia, (5) 4: 688, 721, 1878. Venice, Italy.

Range: Northern Morocco (Tetuan) eastward to Algeria and the Mediterranean region of southern Europe.

NOTE. — *Myotis emarginatus* (Geoffroy) is credited to Algeria by Lataste (Actes Soc. Linn. de Bordeaux, 39: 75, 1885), but the record requires confirmation.

**MYOTIS GOUDOTII** (A. Smith)

*Vespertilio goudotii* A. Smith, South African Quart. Journ., 2: 244, June 1834. Madagascar.

*Vespertilio madagascariensis* Tomes, Proc. Zool. Soc. London, p. 89, 13 Apl. 1858. Madagascar.

*Vespertilio sylvicola* A. Grandidier, Rev. et Mag. Zool., (2) 22: 49, Feb. 1870. Forests of Ambaravarantou, Madagascar.

**MYOTIS MEGALOPUS** (Dobson)

*Vespertilio megalopus* Dobson, Ann. Mag. Nat. Hist. (4) 16: 261, Oct. 1875. Gaboon.

The African representative of *M. daubentonii*? = *Myotis longipes* fide Thomas 1915.

**MYOTIS OXYGNATHUS** (Monticelli)

*Vespertilio oxygnathus* Monticelli, Ann. Accad. O. Costa de Aspir. Nat., Napoli, (1) 1: 82, 1885. Matera, Basilicata, Italy.

*Vespertilio murinus* Dobson, Cat. Chiroptera Brit. Mus., p. 309, 1878 (in part; not of Linnæus). "It is probable that all specimens from N. Africa hitherto referred to *M. myotis* (*Vespertilio murinus* of Dobson and earlier authors) are really referable to" *Myotis oxygnathus* (Monticelli) (O. Thomas, Novitates Zool., 20: 29, Feb. 1913).

Range: Mediterranean region, from Greece to Spain and northern Africa, Tunis and Algeria.

**MYOTIS SCOTTI** Thomas

*Myotis scotti* Thomas, Ann. Mag. Nat. Hist. (9) 19: 554, May 1927. Djem-djem Forest, about 40 miles west of Addis Ababa, Ethiopia, 8000 feet.

**MYOTIS TRICOLOR** (Temminck)

*Vespertilio tricolor* Temminck, in Smuts, Enum. Mamm. Capensium, p. 106, 1832; Monogr. de Mammalogie, 2: 207, 1835-41. Capetown, Cape of Good Hope.

**MYOTIS VENUSTUS** (Matschie)

*Vespertilio venustus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 74, 1899. Kinole, Ukami Mts., Tanganyika Territory.

**MYOTIS WELWITSCHII** (Gray)

*Scotophilus welwitschii* Gray, Proc. Zool. Soc. London, p. 211, pl. 24, Sept. 1866. Angola. This is very like *M. venustus* (Matschie).

**NYCTALUS** Bowdich. Noctule Bats

*Nyctalus* Bowdich, Excursions in Madeira and Porto Santo, p. 36, and footnote, 1825. Genotype *Nyctalus verrucosus* Bowdich.

*Pterygistes* Kaup, Skizzirte Entw.-Gesch. u. Natürl. Syst. d. Europ. Thierwelt, 1: 90, 1829. Genotype *Vespertilio noctula* Schreber.

*Vesperugo* Keyserling and Blasius, Arch. f. Naturgesch., 5: sect. 1, p. 317, 1839 (in part). As a subgenus of *Vespertilio*; type not specified; seven species included.

*Noctula* Bonaparte, Iconogr. Fauna Ital., 1: p. [6], Indice distributivo, 1841. Genotype *Vespertilio noctula* Schreber.

*Noctulinia* Gray, Ann. Mag. Nat. Hist. (1) 10: 258, Dec. 1842 (in part). Included *Noctulinia proterus* = *Nyctalus noctula*, and *fulvus* = *Scotophilus kuhlii*.

*Panugo* Kolenati, Allgemein. Deutsch. Naturhist. Zeitung, Dresden, (2) 2: 131, 1856. Included *Vespertilio noctula* and *leisleri*.

*Noctula* Gerbe, Le Naturaliste, 2: 187, 15 March 1880. As a subgenus of *Vesperugo* = *Nyctalus*; type *Vesperugo plancyi* Gerbe.

#### NYCTALUS VERRUCOSUS Bowdich

*Nyctalus verrucosus* Bowdich, Excursions in Madeira and Porto Santo, p. 36, and footnote, 1825. Madeira.

*Vesperugo leisleri* Dobson, Cat. Chiroptera Brit. Mus., p. 215, 1878 (in part; specimens from Madeira).

*Pterygistes madeiræ* Barrett-Hamilton, Ann. Mag. Nat. Hist. (7) 17: 98, Jan. 1906. Madeira.

Range: Madeira Islands.

#### NYCTALUS MACUANUS (Peters)

*Vespertilio macuanus* Peters, Reise nach Mossambique, Säugethiere, p. 61, pl. 16, f. 1, 1852. Cabaceira peninsula, Mozambique. Reference uncertain.

### OTONYCTERIS Peters. Desert Big-eared Bats

*Otonycteris* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 223, 1859. Genotype *Otonycteris hemprichii* Peters.

#### OTONYCTERIS HEMPRICHII Peters

*Otonycteris hemprichii* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 223, 1860. No locality; Hemprich and Ehrenberg's collecting.

*Plecotus ustus* Fitzinger and Heuglin, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 54: sect. 1, p. 546, 1866. Heuglin, Reise in Nordost-Afrika, 2: 30, 1877. Wadi Halfa, in Baten-el-Hadjar, Egypt. A nomen nudum; the type is a specimen of *Otonycteris* (see Anderson, J., and De Winton, W. E., Zool. of Egypt, Mamm., p. 118, 1902).

*Plecotus auritus saharæ* Laurent, Bull. Soc. d'Hist. Nat. de l'Afrique du Nord, 27: 408, fig., Dec. 1936. El Golea, Algeria. (See Heim de Balsac, H., Bull. Soc. d'Hist. Nat. de l'Afrique du Nord, 28: 321, Apl. 1937, as to status of this name.)



## PIPISTRELLUS Kaup. Pipistrelles

- Pipistrellus* Kaup, Skizzirte Entwickl.-Gesch. u. Natürl. Syst. d. Europ. Thierwelt, 1: 98, 1829. Genotype *Vespertilio pipistrellus* Schreber.
- Romicia* Gray, Mag. Zool. and Bot., 2: 495, 1838. Genotype *Romicia calcarata* Gray = *Pipistrellus kuhlii* (Kuhl).
- Vesperugo* Keyserling and Blasius, Arch. f. Naturgesch., 5: sect. 1, p. 312, 1839 (in part). Included 13 species now referred to the genera *Eptesicus* and *Pipistrellus*.
- Romicius* Blyth, Cuvier's Animal Kingdom, p. 75, 1840. Variant of *Romicia* Gray.
- Nannugo* Kolenati, Allgemein. Deutsch. Naturhist. Zeitung, Dresden, (2) 2: 131, 1856. Included *Vespertilio nathusii*, *kuhlii*, and *pipistrellus*.
- Alobus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 707, 1867 (not of Leconte, 1856). Genotype *Vespertilio temminckii* = *Pipistrellus rüppellii* (Fischer).
- Hypsugo* Kolenati, Allgemein. Deutsch. Naturhist. Zeitung, Dresden, (2) 2: 131, 1856. Included *Vespertilio maurus* and *krascheninikowii*.
- Scotophilus* H. Allen, Monogr. Bats No. Amer., Smithsonian Misc. Coll., no. 165, p. 27, June 1864 (in part).
- Scotozous* Dobson, Proc. Zool. Soc. London, p. 372, Oct. 1875 (in part). Genotype *Scotozous dormeri* Dobson.

## PIPISTRELLUS ABAENSIS J. A. Allen

- Pipistrellus abaensis* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 442, 29 Sep. 1917. Aba, northeastern Congo Belge.

## PIPISTRELLUS AERO Heller

- Pipistrellus aero* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 3, 4 Nov. 1912. Mt. Gargues, Mathews Range, Kenya Colony.

## PIPISTRELLUS ANCHIETÆ (Seabra)

- Vesperugo anchietæ* Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 6: 26, 120, Aug. 1900. Cahata, Angola.

## PIPISTRELLUS ARIEL Thomas

- Pipistrellus ariel* Thomas, Ann. Mag. Nat. Hist. (7) 14: 157, Aug. 1904. Eastern Egyptian desert, lat. 22° N., long. 35° E., 2000 feet.

## PIPISTRELLUS CRASSULUS Thomas

- Pipistrellus crassulus* Thomas, Ann. Mag. Nat. Hist. (7) 13: 206, March 1904. Efulen, Cameroons.

## PIPISTRELLUS CULEX Thomas

- Pipistrellus culex* Thomas, Ann. Mag. Nat. Hist. (8) 7: 458, May 1911. Kabir, northern Nigeria.



## PIPISTRELLUS DESERTI Thomas

*Pipistrellus deserti* Thomas, Proc. Zool. Soc. London for 1902, 2: 4, Oct. 1902. Tripoli, Mursuk.

## PIPISTRELLUS FOURIEI Thomas

*Pipistrellus fouriei* Thomas, Proc. Zool. Soc. London, p. 288, 29 Apl. 1926. Ukualukasi, northwest Ovamboland, Southwest Africa.

## PIPISTRELLUS HELIOS Heller

*Pipistrellus helios* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 3, 4 Nov. 1912. Merelle Water, 30 miles south of Mt. Marsabit, Kenya Colony.

## PIPISTRELLUS KUHLLI KUHLLI (Natterer)

*Vespertilio kuhlii* Natterer in Kuhl, Deutschen Fledermäuse, in Wetterau. Ann., Hanau, p. 55, 1817. Triest, Austria.

*Vespertilio marginatus* Cretzschmar in Rüppell's Atlas zu d. Reise Nördl. Afrika, Zool., Säugeth., p. 74, pl. 29a, 1826. Arabia Petraea and Nubia; according to Anderson, J., and De Winton, W. E. (Zool. of Egypt, Mamm., p. 127, 1902), however, on the type specimen in the Frankfurt Museum, "Egypt is given as the locality."

*Vespertilio pipistrellus*, var.  $\beta$  *ægyptius* J. B. Fischer, Synopsis Mamm., p. 105, 1829. "In cryptis Thebarum Ægypti."

*Vesp[ertilio] albo-limbatus* Küster, Oken's Isis, pt. 1, p. 75, 1835. Sardinia.

*Pipistrella minuta* Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, p. 78, 1867. Oasis of Messad, southern Algeria.

## PIPISTRELLUS KUHLLI FUSCATUS Thomas

*Pipistrellus kuhlii fuscatus* Thomas, Ann. Mag. Nat. Hist. (7) 8: 34, July 1901. Naivasha, Kenya Colony.

## PIPISTRELLUS KUHLLI PALLIDUS Heim de Balsac

*P[ipistrellus] k[uhlii] pallidus* Heim de Balsac, Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 43, 50 (nomen nudum), 180, 1936. Northern Sahara, to the A'haggar, Algeria.

## PIPISTRELLUS KUHLLI SUBTILIS (Sundevall)

*Vesperugo subtilis* Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 119, 1846. Interior of Caffraria.

## PIPISTRELLUS LEUCOMELAS Monard

*Pipistrellus leucomelas* Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 47, 1932. Vila da Ponte, Angola.

## PIPISTRELLUS MADERENSIS (Dobson)

*Vesperugo maderensis* Dobson, Cat. Chiroptera Brit. Mus., p. 231, pl. 12, f. 5, 1878. Madeira.

Range: Madeira and Canary Islands.

## PIPISTRELLUS MARRENSIS Thomas and Hinton

*Pipistrellus marrensis* Thomas and Hinton, Proc. Zool. Soc. London, p. 249, 6 July 1923. Foothills, southern Jebel Marra, Dafur.

## PIPISTRELLUS MAURUS (Blasius)

*Vesperugo maurus* Blasius, Arch. f. Naturgesch., 19: sect. 1, p. 35, 38, 1853. Central Alps, Germany.

*Scotophilus darwini* Tomes, Proc. Zool. Soc. London, p. 70, (Feb.-June) 1859. La Palma, Canary Islands. May be a valid race.

## PIPISTRELLUS MUSCICULUS Thomas

*Pipistrellus musciculus* Thomas, Ann. Mag. Nat. Hist. (8) 11: 316, March 1913. Bitye, Ja River, Cameroons, 2000 feet.

## PIPISTRELLUS NANULUS Thomas

*Pipistrellus nanulus* Thomas, Ann. Mag. Nat. Hist. (7) 14: 198, Sept. 1904. Efulen, Cameroons.

## PIPISTRELLUS NANUS NANUS (Peters)

*Vespertilio nanus* Peters, Reise nach Mossambique, Säugethiere, p. 63, pl. 16, f. 2, 1852. Inhambane, Mozambique.

*Vesperugo pusillulus* Peters, Journ. de Sci. Math., Phys. e Nat., Lisboa, (1) 3: 124, Dec. 1870. Loango, Angola.

## PIPISTRELLUS NANUS AUSTRALIS Roberts

*Pipistrellus nanus australis* Roberts, Ann. Transvaal Mus., 4: 67, 20 Oct. 1913. Port St. Johns, South Africa.

## PIPISTRELLUS PAGENSTECHERI (Noack)

*Vesperugo pagenstecheri* Noack, Zool. Jahrb., Syst., 4: 220, pl. 2, f. 3; pl. 5, f. 64-65, 28 Feb. 1889. Netonna, Banana Creek, Congo mouth, 6° S.

## PIPISTRELLUS PULCHER (Dobson)

*Vesperugo pulcher* Dobson, Proc. Zool. Soc. London, p. 471, Oct. 1875. Zanzibar.

## PIPISTRELLUS RÜPPELLII RÜPPELLII (J. B. Fischer)

*Vespertilio temminckii* Cretzschmar in Rüppell's Atlas zu d. Reise Nördl. Afrika, Zool., Säugeth., p. 17, pl. 6, 1826. (Not Horsfield.) Dongola.

*Vespertilio rüppellii* J. B. Fischer, Synopsis Mamm., p. 109, 1829. Dongola (renaming of *V. temminckii* Cretzschmar).

*Vesperugo sennaariensis* Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 54: pt. 1, p. 546, 1866; nomen nudum. Khartoum.

*Vesperugo senarensis* Heuglin, Reise in Nordost-Africa, 2: 32, 1877; nomen nudum.

*Vesperugo hypoleucus* Heuglin, in Fitzinger and Heuglin, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 54: sect. 1, p. 546, 1866. Sennaar, between Kereri, Halfäye and Surerát on the Nile near Khartoum, Anglo-Egyptian Sudan.

PIPISTRELLUS RÜPPELLII FUSCIPES Thomas

*Pipistrellus fuscipes* Thomas, Ann. Mag. Nat. Hist. (8) 11: 315, March 1913. Sixty miles west of Entebbe, Uganda.

PIPISTRELLUS RÜPPELLII VERNAYI Roberts

*Pipistrellus vernayi* Roberts, Ann. Transvaal Mus., 15: 16, 1 Oct. 1932. Maun, Ngamiland, South Africa.

PIPISTRELLUS STAMPFLII (Jentink)

*Vesperugo stampflii* Jentink, Notes Leyden Mus., 10: 54, Apl. 1888. Farmington River, Liberia.

*Pipistrellus minusculus* Miller, Proc. Washington Acad. Sci., 2: 647, f. 43, 28 Dec. 1900. Mount Coffee, Liberia.

### PLECOTUS E. Geoffroy. Long-eared Bats

*Plecotus* E. Geoffroy, Description de l'Égypte, 2: 112, pl. 2, no. 3, 1818. Genotype *Vespertilio auritus* Linnæus.

PLECOTUS AURITUS ÆGYPTIACUS I. Geoffroy. Egyptian Big-eared Bat

*Vespertilio auritus*  $\beta$ . *ægyptius* J. B. Fischer, Synopsis Mamm., p. 117, 1829; based on description by E. Geoffroy, Description de l'Égypte, 2: 119, 1818. Egypt. Not *Vespertilio pipistrellus* var.  $\beta$ , *ægyptius* J. B. Fischer, ibid., p. 105, 1829.

*Plecotus ægyptiacus* I. Geoffroy, Mag. de Zool., 2: cl. 1, p. 2 of description of pl. 2-3, 1832, who repeats characters given by E. Geoffroy, in Description de l'Égypte, 2: 119, 1818. Egypt.

*Plecotus christii* Gray, Mag. Zool. and Bot., 2: 495, 1838. "North Africa." For Dr. Turnbull Christie.

*Plecotus æthiopicus* Heuglin, in Fitzinger and Heuglin, Sitzb. K. K. Akad. Wiss. Wien, math.-nat. Cl., 54: sect. 1, p. 546, 1866; Reise in Nordost-Afrika, 2: 31, 1877. Bahr-el-Abiad, Anglo-Egyptian Sudan. Nomen nudum.

Range: Egypt, to Aswan.

PLECOTUS AURITUS TENERIFFÆ Barrett-Hamilton

*Plecotus teneriffæ* Barrett-Hamilton, Ann. Mag. Nat. Hist. (7) 20: 520, Dec. 1907. Teneriffe, Orotava.

## RHINOPTERUS Miller. Shagreened Bats

*Rhinopterus* Miller, Proc. Biol. Soc. Washington, 19: 85, 4 June 1906. Genotype *Glauconycteris floweri* De Winton.

*Scabrifer* G. M. Allen, Bull. Mus. Comp. Zool., 52: 46, July 1908. Substitute for *Rhinopterus*, not *Rhinoptera* Kuhl.

## RHINOPTERUS FLOWERI (De Winton)

*Glauconycteris floweri* De Winton, Ann. Mag. Nat. Hist. (7) 7: 46, Jan. 1901. Wad Marium near Khartoum, Anglo-Egyptian Sudan.

## RHINOPTERUS LOWEI Thomas

*Rhinopterus lowei* Thomas, Ann. Mag. Nat. Hist. (8) 15: 559, June 1915. Blue Nile, 20 miles above Sennaar, Anglo-Egyptian Sudan.

## RHINOPTERUS NOTIUS (G. M. Allen)

*Scabrifer notius* G. M. Allen, Bull. Mus. Comp. Zool., 52: 46, July 1908. Cape Town, South Africa.

## SCOTEINUS Dobson

*Scoteinus* Dobson, Proc. Zool. Soc. London, p. 371, Oct. 1875. As a subgenus; type *Scotophilus emarginatus* Dobson; but *Scotophilus rueppellii* Peters and *S. greyii* Gray (Dobson) were also included.

## SCOTEINUS SCHLIEFFENII SCHLIEFFENII (Peters)

*Nycticejus schlieffenii* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 223, 1860. Cairo, Egypt.

*N[ycticejus] adovanus* Heuglin, Reise in Nordost-Afrika, 2: 34, 1877. Asam River, at Adowa, Tigré, Abyssinia.

According to Peters, this was *Nycticejus schlieffenii*.

## SCOTEINUS SCHLIEFFENII ALBIVENTER Thomas and Wroughton

*Scoteinus schlieffeni albiventer* Thomas and Wroughton, Proc. Zool. Soc. London, p. 540, 30 Oct. 1908. Naikhala, Upper Egypt.

*Scotophilus minimus* Noack, Zool. Jahrb., Syst., 2: 280, pl. 10, f. 36, 37, 7 May 1887. Qua Mpala, Marungu, Tanganyika Territory. (See Thomas, Ann. Mus. Civ. Stor. Nat., Genova, 29: 87, 3 Feb. 1890, as to status.)

*Nycticeius africanus* G. M. Allen, Bull. Mus. Comp. Zool., 54: 328, Dec. 1911. Meru River, Northern Guaso Nyiro, Kenya Colony.

## SCOTEINUS SCHLIEFFENII AUSTRALIS Thomas and Wroughton

*Scoteinus schlieffeni australis* Thomas and Wroughton, Proc. Zool. Soc. London, p. 539, 30 Oct. 1908. Inhambane, Mozambique.

*SCOTEINUS SCHLIEFFENII FITZSIMONSI* Roberts

*Scoteinus schlieffeni fitzsimonsi* Roberts, Ann. Transvaal Mus., 15: 17, 1 Oct. 1932. Tsotsoroga Pan, northern Bechuanaland, South Africa.

NOTE.—The record of *Scoteinus pallidus* by Thomas, O., and Doria, G. (Ann. Mus. Civ. Stor. Nat. Genova, (2) 4: 206, 1887) based on a specimen supposed to have been taken at Massawa, Eritrea, proves to have been a mistake, as the specimen was wrongly labelled.

## SCOTÆCUS Thomas

*Scotæcus* Thomas, Ann. Mag. Nat. Hist. (7) 7: 263, March 1901. Genotype *Scotophilus albofuscus* Thomas.

## SCOTÆCUS ALBIGULA Thomas

*Scotæcus albigula* Thomas, Ann. Mag. Nat. Hist. (8) 4: 544, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 feet.

## SCOTÆCUS ALBOFUSCUS (Thomas)

*Scotophilus albofuscus* Thomas, Ann. Mus. Civ. Stor. Nat. Genova, 29: 84, 3 Feb. 1890. Bathurst, Gambia.

## SCOTÆCUS ARTINII de Beaux

*Scotæcus artinii* de Beaux, Atti Soc. Ital. Sci. Nat. Milano, 62: 98, July 1923. Archer's Post, Northern Guaso Nyiro, Kenya Colony.

## SCOTÆCUS CINNAMOMEUS Wettstein

*Scotæcus cinnamomeus* Wettstein, Anzeiger K. Akad. Wiss. Wien, 53: 191, 1916. Nubbaka, Kordofan, Anglo-Egyptian Sudan.

## SCOTÆCUS FALABÆ Thomas

*Scotæcus falabæ* Thomas, Ann. Mag. Nat. Hist. (8) 16: 447, Nov. 1915. Kabwir, northern Nigeria.

## SCOTÆCUS HINDEI Thomas

*Scotæcus hindei* Thomas, Ann. Mag. Nat. Hist. (7) 7: 264, Mar. 1901. Kitui, Kenya Colony, 1150 meters.  
For S. L. Hinde.

## SCOTÆCUS HIRUNDO (De Winton)

*Scotophilus hirundo* De Winton, Ann. Mag. Nat. Hist. (7) 4: 355, Nov. 1899. Gambaga, Gold Coast.

## SCOTÆCUS WOODI Thomas

*Scotæcus woodi* Thomas, Ann. Mag. Nat. Hist. (8) 19: 280, Mar. 1917. Chiromo, southern Nyasaland.

## SCOTOPHILUS Leach. Brown Bats

*Scotophilus* Leach, Trans. Linn. Soc. London, 13: 69, 1821. Genotype *Scotophilus kuhlii* Leach. (Name not invalidated by *Scotophila* Hübner, 1816, in entomology.)

*Pachyotus* Gray, Zool. Miscellany, no. 1, p. 38, 1831 (in part, to include *Nycticejus* and *Scotophilus*); Miller, Bull. U. S. Nat. Mus., no. 57, p. 219, 1907. Genotype *Scotophilus kuhlii* Leach.

Review: Thomas, O., and Wroughton, R. C., Proc. Zool. Soc. London, 2: 539, 30 Oct. 1908 (South African forms).

## SCOTOPHILUS BORBONICUS (E. Geoffroy)

*Vespertilio borbonicus* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 8: 201, pl. 46, 1806. "Ile-Bourbon," i.e. Mauritius.

## SCOTOPHILUS GIGAS Dobson

*Scotophilus gigas* Dobson, Ann. Mag. Nat. Hist. (4) 16: 122, Aug. 1875. Lagos, southern Nigeria.

Range: Gold Coast to Nyasaland.

## SCOTOPHILUS NIGRITA NIGRITA (Schreber)

*Vespertilio nigrata* Schreber, Säugthiere, 1: 171, pl. 58, 1775. Senegal.

## SCOTOPHILUS NIGRITA COLIAS Thomas

*Scotophilus nigrata colias* Thomas, Ann. Mag. Nat. Hist. (7) 13: 207, Mar. 1904. Fort Hall, Kenya Colony.

## SCOTOPHILUS NIGRITA DINGANII (Wahlberg)

*Vesperugo dinganii* Wahlberg, in Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, 119, 1846. The mountainous interior of Caffraria, near the Tropic ("nomine Ducis Caffrorum appellatus").

## SCOTOPHILUS NIGRITA HERERO Thomas

*Scotophilus nigrata herero* Thomas, Ann. Mag. Nat. Hist. (7) 17: 174, Feb. 1906. Olifant Vlei, about 18° S., 17°30' W., northern Damaraland, Southwest Africa.

## SCOTOPHILUS NIGRITA LEUCOGASTER (Cretzschmar)

*Nycticejus leucogaster* Cretzschmar, in Rüppell, Atlas zu d. Reise im Nördl. Afrika, Säugeeth., p. 71, pl. 28a, 1826. Kordofan.

*Nycticejus serratus* Heuglin, Reise in Nordost-Afrika, 2: 35, 1877. "Scherq el Aqabah, am Araschkol und den benachbarten Granitgebirgen," Abyssinia.

## SCOTOPHILUS NIGRITA NUX Thomas

*Scotophilus nigrita nux* Thomas, Ann. Mag. Nat. Hist. (7) 13: 208, Mar. 1904.  
Efulen, Cameroons.

## SCOTOPHILUS NIGRITA PLANIROSTRIS (Peters)

*Nycticejus planirostris* Peters, Reise nach Mossambique, Säugethiere, p. 65,  
pl. 17, f. 1, a-e, 1852. Tette, Mozambique.

## SCOTOPHILUS NIGRITELLUS De Winton

*Scotophilus nigritellus* De Winton, Ann. Mag. Nat. Hist. (7) 4: 355, Nov. 1899.  
Gambaga, Gold Coast.

## SCOTOPHILUS ROBUSTUS Milne-Edwards

*Scotophilus robustus* Milne-Edwards, Compt. Rend. Acad. Sci. Paris, 91:  
1035, 1881. Madagascar.

## SCOTOPHILUS VIRIDIS VIRIDIS (Peters)

*Nycticejus viridis* Peters, Reise nach Mossambique, Säugeth., p. 67, pl. 17,  
f. 2, a-e, 1852. Island of Mozambique.

## SCOTOPHILUS VIRIDIS DAMARENSIS Thomas

*Scotophilus damarensis* Thomas, Ann. Mag. Nat. Hist. (7) 17: 175, Feb. 1906.  
Olifant Vlei, northern Damaraland, Southwest Africa.  
*Scotophilus viridis damarensis* Thomas and Wroughton, Proc. Zool. Soc.  
London, 2: 539, 30 Oct. 1908.

## SCOTOPHILUS MURINO-FLAVUS (Heuglin). Smaller Brown Bat.

*Nycticejus murino-flavus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle,  
29: no. 8, pp. 5, 15, 1861. M'kullu, coast of Abyssinia (Ethiopia).  
*Nycticejus flavigaster* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29:  
no. 8, p. 5, 14, 1861. Keren, Eritrea.  
*Scotophilus altilis* G. M. Allen, Bull. Mus. Comp. Zool., 58: 350, July 1914.  
Aradeiba, above Roseires, Blue Nile, Anglo-Egyptian Sudan.  
? syn. of *murino-flavus* Heuglin.

## Subfamily KERIVOULINÆ. Forest Bats

## KERIVOULA Gray

*Kerivoula* Gray, Ann. Mag. Nat. Hist. (1) 10: 258, Dec. 1842. Genotype  
*Vespertilio hardwickii* Horsfield; five other species also included.  
*Kirivoula* Gervais, Diet. Univ. d'Hist. Nat., 13: 213, 1849.  
*Nyctophilax* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 42: 390,  
1860. To replace *Kerivoula*.



*Nyctophylax* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 62: sect. 1, p. 544, Nov. 1870.

*Cerivoula* Blanford, Fauna British India, Mamm., p. 338, 1891 (emendatio).

KERIVOULA AEROSA Tomes

*Kerivoula aerea* Tomes, Proc. Zool. Soc. London, p. 333, 9 Nov. 1858. South Africa, eastern coast.

KERIVOULA AFRICANA Dobson

*Kerivoula africana* Dobson, Cat. Chiroptera Brit. Mus., p. 335, 1878. Zanzibar.

KERIVOULA ARGENTATA Tomes

*Kerivoula argentata* Tomes, Proc. Zool. Soc. London, p. 32, May 1861. Otjoro, Southwest Africa.

KERIVOULA BRUNNEA Dobson

*Kerivoula brunnea* Dobson, Cat. Chiroptera Brit. Mus., p. 334, 1878. South Africa.

KERIVOULA CUPROSA Thomas

*Kerivoula cuprosa* Thomas, Ann. Mag. Nat. Hist. (8) 10: 41, July 1912. Bitye, Ja River, Cameroons.

?KERIVOULA ERIOPHORA (Heuglin)

*Nycticejus eriophorus* Heuglin, Reise in Nordost-Afrika, 2: 34, 1877. Belegaz valley, between Semien and Wogara, Abyssinia.

KERIVOULA HARRISONI Thomas

*Kerivoula harrisoni* Thomas, Proc. Zool. Soc. London, for 1900, p. 802, footnote, 1 Apl. 1901. Walamo, between Lakes Zwai and Margherita, north-eastern Africa. For J. J. Harrison, coll.

KERIVOULA LANOSA (A. Smith)

*Vespertilio lanosus* A. Smith, Illustr. Zool. South Africa, Mamm., pl. 50 and text, Dec. 1847. Coast, 200 miles east of Cape Town.

KERIVOULA LUCIA Hinton

*Kerivoula lucia* Hinton, Ann. Mag. Nat. Hist. (9) 6: 240, Aug. 1920. N'dola, Northern Rhodesia.

KERIVOULA MUSCILLA Thomas

*Kerivoula muscilla* Thomas, Ann. Mag. Nat. Hist. (7) 18: 294, Oct. 1906. Ja River, Cameroons.

KERIVOULA NIDICOLA NIDICOLA (Kirk)

*Nycticejus nidicola* Kirk, Proc. Zool. Soc. London, for 1864, p. 650, May 1865. Shupanga, Zambesia.

## KERIVOULA NIDICOLA ZULUENSIS Roberts

*Kerivoula nidicola zuluensis* Roberts, Ann. Transvaal Mus., 10: 61, 31 Jan. 1924. White Umfolosi River, Zululand, Natal; from nest of a weaver bird, with two others.

## KERIVOULA PHALÆNA Thomas

*Kerivoula phalæna* Thomas, Ann. Mag. Nat. Hist. (8) 10: 281, Sep. 1912. Bibianaha, inland from Denkwa, Gold Coast.

## KERIVOULA SMITHII Thomas

*Kerivoula smithii* Thomas, Ann. Mag. Nat. Hist. (5) 6: 166, text-f., Aug. 1880. Old Calabar, southern Nigeria.

## Subfamily MINIOPTERINÆ. Long-fingered Bats

South African forms reviewed: Jameson, H. L., Ann. Mag. Nat. Hist. (8) 4: 471-472, Nov. 1909.

## MINIOPTERUS Bonaparte

*Miniopterus* Bonaparte, Iconogr. d. Fauna Italica, 1: pt. 21, 1837. As a subgenus of *Vespertilio*; type *Vespertilio ursinii* Bonaparte = *V. schreibersii* Kuhl.

*Miniopterus* Gray, Ann. Mag. Nat. Hist. (3) 17: 91, Feb. 1866 (variant).

*Minneopterus* Lampe, Jahrb. Nassau Ver. Naturkunde, 53: Cat. Säugeth.-Sammlung, p. 12, 1900 (lapsus cal.).

## MINIOPTERUS AFRICANUS Sanborn

*Miniopterus africanus* Sanborn, Zool. Ser. Field Mus. Nat. Hist., 20: 111, 15 Aug. 1936. Sanford's Ranch, Mulo, Shoa district, northwest of Addis Ababa, Ethiopia.

## MINIOPTERUS BREYERI BREYERI Jameson

*Miniopterus breyeri* Jameson, Ann. Mag. Nat. Hist. (8) 4: 471, Nov. 1909. Gatkoppies, Waterberg district, Transvaal.  
= *Miniopterus natalensis*, Roberts, Ann. Transvaal Mus., 4: 68, 20 Oct. 1913.

## MINIOPTERUS BREYERI VICINIOR J. A. Allen

*Miniopterus breyeri vicinior* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 450, 29 Sep. 1917. Aba, northeastern Congo Belge.

## MINIOPTERUS FRATERCULUS Thomas and Schwann

*Miniopterus fraterculus* Thomas and Schwann, Proc. Zool. Soc. London, 1: 162, 7 June 1906. Knysna, Cape Colony.

## MINIOPTERUS INFLATUS Thomas

*Miniopterus inflatus* Thomas, Ann. Mag. Nat. Hist. (7) 12: 634, Dec. 1903.  
Efulen, Cameroons.

## MINIOPTERUS MAJORI Thomas

*Miniopterus majori* Thomas, Ann. Mag. Nat. Hist. (7) 17: 175, Feb. 1906.  
Imasindrary, northeastern Betsileo, Madagascar.

## MINIOPTERUS MANAVI Thomas

*Miniopterus manavi* Thomas, Ann. Mag. Nat. Hist. (7) 17: 176, Feb. 1906.  
Imasindrary, northeastern Betsileo, Madagascar.

## MINIOPTERUS MINOR Peters

*Miniopterus minor* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1866,  
p. 885, 1867. Coast of Zanzibar.

## MINIOPTERUS NATALENSIS NATALENSIS (A. Smith)

*Vespertilio natalensis* A. Smith, South African Quart. Journ., 2: 59, 1934.  
Natal.

## MINIOPTERUS NATALENSIS ARENARIUS Heller

*Miniopterus natalensis arenarius* Heller, Smithsonian Misc. Coll., 60: no. 12,  
p. 2, 4 Nov. 1912. Guaso Nyuki, Northern Guaso Nyiro, Kenya Colony.

## MINIOPTERUS NATALENSIS DASYTHRIX (Temminck)

*Vespertilio dasythrix* Temminck, Monogr. de Mammalogie, 2: 268, 1840.  
Interior of Caffraria = South Africa.

*Miniopterus dasythrix* A. Smith, Illustr. Zool. So. Africa, Mamm., pl. 52 and  
text, 1848.

## MINIOPTERUS NATALENSIS SMITIANUS Thomas

*Miniopterus smitianus* Thomas, Proc. Zool. Soc. London, p. 373, 12 July 1927.  
Witvlei, 40 miles west of Gobabis, eastern Damaraland, Southwest Africa.  
*Miniopterus natalensis smitianus* Shortridge, Mammals South West Africa, 1:  
67, 1934.

## MINIOPTERUS NEWTONI Bocage

*Miniopterus newtoni* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1:  
198, Dec. 1889. Island of St. Thomas.

## MINIOPTERUS RUFUS Sanborn

*Miniopterus rufus* Sanborn, Zool. Ser. Field Mus. Nat. Hist., 20: 112, 15 Aug.  
1936. Katobwe, 40 miles below Bukama, Lualaba River, Congo Belge.

**MINIOPTERUS SCHREIBERSII** (Kuhl)

*Vespertilio schreibersii* Kuhl, Wetterau. Anstalt, 4: 41, 1819. Germany.

Range: Southern Europe and Algeria (not known from Egypt).

**MINIOPTERUS SCOTINUS** (Sundevall)

*Vesperugo scotinus* Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 119, 1846. Various places in Caffraria.

## INDETERMINABLE

*Vespertilio epichrysus* Temminck, in Smuts, Enum. Mamm. Cap., p. 106, 1832. Capetown, South Africa.

*Vespertilio platycephalus* Temminck, in Smuts, Enum. Mamm. Cap., p. 106, 1832. Capetown, South Africa.

## Family MOLOSSIDÆ. Free-tailed Bats

**CHÆREPHON** Dobson

*Chærephon* Dobson, Journ. Asiatic Soc. Bengal, 43: pt. 2, 144, 17 Oct. 1874.

Subgenus of *Nyctinomus*. Thomas, Journ. Bombay Nat. Hist. Soc., 22: 91, 21 Apl. 1913 (generic characters keyed, and species listed). Genotype *Nyctinomus johorensis* Dobson.

**CHÆREPHON BIVITTATUS** (Heuglin)

*Nyctinomus bivittatus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 4, 13, 1861. Kérén, Eritrea.

*Dysopes talpinus* Heuglin, Reise Nordost-Afrika, 2: 28, 1877. Upper Abiad River, Anglo-Egyptian Sudan.

*Dysopes hepaticus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 31: no. 7, p. 14, 1864. Country of the Req natives to the Djur River, i.e., Bahr-el-Ghazal, Anglo-Egyptian Sudan.

**CHÆREPHON FRATER** J. A. Allen

*Chærephon frater* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 456, 29 Sep. 1917. Malela (near Boma), southwestern Congo Belge.

**CHÆREPHON GAMBIANUS** (De Winton)

*Nyctinomus gambianus* De Winton, Ann. Mag. Nat. Hist. (7) 7: 39, Jan. 1901. Gambia.

**CHÆREPHON HINDEI** (Thomas)

*Nyctinomus hindei* Thomas, Ann. Mag. Nat. Hist. (7) 13: 210, Mar. 1904. Fort Hall, Kenya Colony.

## CHÆREPHON LEUCOGASTER (A. Grandidier)

*Nyctinomus leucogaster* A. Grandidier, Revue et Mag. de Zool., (2) 21: 337, Sep. 1869. Madagascar, Mahab, near Ménabé.

## CHÆREPHON LEUCOSTIGMA G. M. Allen

*Chærephon leucostigma* G. M. Allen, Bull. Mus. Comp. Zool., 61: 513, 27 Feb. 1918. Tananarive, Madagascar.

## CHÆREPHON LIMBATUS (Peters)

*Dysopes limbatus* Peters, Reise nach Mossambique, Säugeth., p. 56, pl. 14, 1852. Mozambique Island, Sena, 15–17° S.

*Dysopes dubius* Peters, Reise nach Mossambique, Säugeth., p. 60, pl. 15, f. 2, 1852. Sena (a young individual). Not *Nyctinomus dubius* A. Smith, 1833.

## CHÆREPHON MAJOR (Trouessart)

*Nyctinomus pumilus* var. *major* Trouessart, Cat. Mamm. Viv. Foss., ed. 1, pt. 1, p. 146, 1897. "Cataract of the Nile," Anglo-Egyptian Sudan; based on Dobson's description of a skin and skull (Cat. Chiroptera Brit. Mus., p. 428, 1878), apparently similar to a specimen described by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 1. p. 98, 1918) from Gondokoro, and regarded as identical with *Chærephon emini*.

*Nyctinomus major* De Winton, Ann. Mag. Nat. Hist. (7) 7: 40, Jan. 1901.

*Nyctinomus emini* De Winton, Ann. Mag. Nat. Hist. (7) 7: 40, Jan. 1901. "Mosambirol," but actually Usambirol, Tanganyika Territory (see Thomas, ibid. (7) 13: 210, footnote, Mar. 1904).

## CHÆREPHON NIGERLÆ Thomas

*Chærephon nigerlæ* Thomas, Ann. Mag. Nat. Hist. (8) 11: 319, Mar. 1913. Zaria Province, northern Nigeria.

## CHÆREPHON PUMILUS PUMILUS (Cretzschmar)

*Dysopes pumilus* Cretzschmar, in Rüppell's Atlas, Reise im Nördlichen Afrika, Säugeth., p. 69, pl. 27, 1826. Massawa, Eritrea.

*Nyctinomus pusilus* Lesson, Compléments de Buffon, ed. 2, Paris, 1: 328, 1838. Massawa, Eritrea. Error for *Dysopes pumilus* Cretzschmar.

## CHÆREPHON PUMILUS ELPHICKI Roberts

*Chærophon* (sic) *pumilus elphicki* Roberts, Ann. Transvaal Mus., 11: 245, 14 Sep. 1926. Malelane estate, eastern Transvaal.

## CHÆREPHON PUMILUS NAIVASHÆ Hollister

*Chærephon pumilus naivashæ* Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 4, 10 Feb. 1916. Naivasha Station, Kenya Colony.

## CHÆREPHON PUSILLUS (Miller)

*Nyctinomus pusillus* Miller, Proc. Biol. Soc. Washington, 15: 245, 16 Dec. 1902. Aldabra Island. Not *Nyctinomus pusilus* Lesson, 1838, which is a misprint for *pumilus*.

## CHÆREPHON RUSSATUS J. A. Allen

*Chærephon russatus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 458, text-fig. 25, 29 Sep. 1917. Medje, Congo Belge.

## CHÆREPHON WEBSTERI Dollman

*Chærephon websteri* Dollman, Ann. Mag. Nat. Hist. (8) 2: 546, Dec. 1908. Yola, northern Nigeria.

## Subgenus LOPHOMOPS J. A. Allen

*Lophomops* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 460, text-fig. 9-11, 29 Sep. 1917. Subgenus of *Chærephon*; type *Chærephon (Lophomops) chapini* J. A. Allen.

## CHÆREPHON ABÆ J. A. Allen

*Chærephon (Lophomops) abæ* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 464, text-fig. 11, 29 Sep. 1917. Aba, northeastern Congo Belge.

## CHÆREPHON CHAPINI J. A. Allen

*Chærephon (Lophomops) chapini* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 461, text-fig. 9, 29 Sep. 1917. Faradje, northeastern Congo Belge.

## CHÆREPHON CRISTATUS J. A. Allen

*Chærephon (Lophomops) cristatus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 463, text-fig. 10 A, B, 29 Sep. 1917. Boma, near mouth of Congo River, Congo Belge.

## CHÆREPHON LANCASTERI Hayman

*Chærephon lancasteri* Hayman, Ann. Mag. Nat. Hist. (11) 1: 383, Apl. 1938. Lunzi River, Lundazi district, Loangwa Valley, northeastern Rhodesia.

## CHÆREPHON LANGI Roberts

*Chærephon (Lophomops) langi* Roberts, Ann. Transvaal Mus., 15: 17, 1 Oct. 1932. Tsotsoroga Pan, northern Bechuanaland, South Africa.

## CHÆREPHON NIGRI Hatt

*Chærophon* (sic) (*Lophomops*) *nigri* Hatt, Bull. Soc. Zool. de France, 53: 374, text-f. B, 10 Dec. 1928. Bourem, on the Niger River, Timbuctou district, French Sudan.

**CHÆREPHON SHORTRIDGEI** Thomas

*Chærephon (Lophomops) shortridgei* Thomas, Proc. Zool. Soc. London, p. 289, 29 Apl. 1926. Ukualukasi, northwestern Ovamboland, Southwest Africa, 3400 feet.

**MOPS Lesson**

*Mops* Lesson, Nouv. Tabl. Règne Animal, Mamm., p. 18, 1842. Genotype *Mops indicus* Lesson = *Dysopes mops* F. Cuvier. See Thomas, Journ. Bombay Nat. Hist. Soc., 22: 91, 21 Apl. 1913, for generic characters and list of species.

**MOPS ANGOLENSIS ANGOLENSIS** (Peters)

*Nyctinomus angolensis* Peters, Journ. Sci. Math., Phys. e Nat., Lisboa, (1) 3: 124, Dec. 1870. (Quenza River), Angola.

**MOPS ANGOLENSIS ALOYSII-SABAUDIÆ** (Festa)

*Nyctinomus aloysii-sabaudiæ* Festa, Boll. Mus. Zool. ed Anat. Comp. Univ. di Torino, 22: no. 546, p. 1, 21 Jan. 1907. Ruwenzori.

*Chærephon angolensis sabaudiæ* de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, (3) 9 = 49: 371, 28 Aug. 1922.

**MOPS ANGOLENSIS NIVEIVENTER** Cabrera and Ruxton

*Mops angolensis niveiventer* Cabrera and Ruxton, Ann. Mag. Nat. Hist. (9) 17: 594, May 1926. St. Joseph de Luluabourg, southern Congo Belge.

**MOPS ANGOLENSIS WONDERI** Sanborn

*Mops angolensis wonderi* Sanborn, Zool. Ser. Field Mus. Nat. Hist., 20: 114, 15 Aug. 1936. Sotuba, 7 km. east of Bamako, French Sudan.

**MOPS BRACHYPTERUS** (Peters)

*Dysopes brachypterus* Peters, Reise nach Mossambique, Säugeth., p. 59, pl. 15 f. 1, 1852. Island of Mozambique, lat. 15° S.

**MOPS CHITAUENSIS** Hill

*Mops chitauensis* Hill, Amer. Mus. Novitates, no. 916, pp. 2, 3, text-f. 1, 17 Apl. 1937. Chitau, Angola.

**MOPS CONGICUS** J. A. Allen

*Mops congicus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 467, pl. 55, 29 Sep. 1917. Medje, Congo Belge.

**MOPS DEMONSTRATOR** (Thomas)

*Nyctinomus demonstrator* Thomas, Ann. Mag. Nat. Hist. (7) 12: 504, Nov. 1903. Mangala, 25 miles north of Gondokoro, Kordofan, Anglo-Egyptian Sudan (= Mongalla).



## MOPS LEONIS (Thomas)

*Nyctinomus leonis* Thomas, Ann. Mag. Nat. Hist. (8) 2: 373, Oct. 1908. Sierra Leone.

Range: Sierra Leone to Cameroons, Fernando Po.

## MOPS MIARENSIS (A. Grandidier)

*Nyctinomus miarensis* A. Grandidier, Revue et Mag. de Zool., (2) 21: 337, Sep. 1869. Madagascar, Miari, between Soua-haze and Soua-hané.

*Nyctinomus unicolor* A. Grandidier, Revue et Mag. de Zool., (2) 22: 49, Feb. 1870. Madagascar. See Dobson, Cat. Chiroptera Brit. Mus., p. 430, footnote, 1878, as to this name being a synonym of *N. miarensis*.

## MOPS NIANGARÆ J. A. Allen

*Mops niangaræ* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 468, 29 Sep. 1917. Niangara, northeastern Congo Belge.

## MOPS RÜPPELLII (Temminck)

*Dysopes rupelii* Temminck (sic), Monographies de Mammalogie, 1: 224, pl. 18, 1827. Egypt.

There seems no doubt that this name must replace *midas* Sundevall.

*Dysopes midas* Sundevall, Kongl. Svenska Vet.-Acad. Handl., Stockholm, for 1842, p. 207, pl. 2, f. 7, 1843. Bahr-el-Abiad, White Nile, Anglo-Egyptian Sudan.

*Nyctinomus (Dysopes) ventralis* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 4, 11, 1861. Kérén, Abyssinia.

*Nyctinomus rüppellii* Fitzinger and Heuglin, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 54: sect. 1, p. 545, 1866.

## MOPS THERSITES (Thomas)

*Nyctinomus thersites* Thomas, Ann. Mag. Nat. Hist. (7) 12: 634, Dec. 1903. Efulen, Cameroons.

## MOPS TREVORI (J. A. Allen)

*Mops trevori* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 469, pl. 48, f. 2, 29 Sep. 1917. Faradje, northeastern Congo Belge.

## Subgenus ALLOMOPS J. A. Allen

*Allomops* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 470, text-fig. 12-15, 29 Sep. 1917. Subgenus of *Mops*, type *Chærephon (Allomops) osborni* J. A. Allen = *Mops osborni* (J. A. Allen).

## MOPS FARADJIUS J. A. Allen

*Mops (Allomops) faradjius* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 476, 29 Sep. 1917. Faradje, northeastern Congo Belge.

## MOPS NANULUS J. A. Allen

*Mops (Allomops) nanulus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 477, 29 Sep. 1917. Niangara, Congo Belge.

## MOPS OCCIPITALIS J. A. Allen

*Mops (Allomops) occipitalis* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 474, text-f. 15, 29 Sep. 1917. Avakubi, Congo Belge.

## MOPS OSBORNI (J. A. Allen)

*Chærephon (Allomops) osborni* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 470, text-f. 12-15, 29 Sep. 1917.

*Mops (Allomops) osborni* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 473, text-f. 12-14, 26, 29 Sep. 1917. Kinshasa, near Leopoldville, Congo Belge.

## MORMOPTERUS Peters

*Mormopterus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 258, 1865.  
As a subgenus of *Dysopes*; type *Nyctinomus jugularis* Peters.

## MORMOPTERUS ACETABULOSUS ACETABULOSUS (Hermann)

*Vespertilio acetabulosus* Hermann, Observationes Zoologicæ, p. 19, 1804. Port Louis, Island of Mauritius (ex Commerson MS.).

*Nyctinomus mauritianus* Horsfield, Zool. Researches in Java, pt. 5, 9th page of text in acct. of *N. tenuis*. Port Louis, Island of Mauritius (renaming of *Vespertilio acetabulosus* Hermann, ex Commerson).

*Nyctinomus (Mormopterus) jugularis* Peters, in Sclater, Proc. Zool. Soc. London, p. 468, Oct. 1865. Antananarivo, Madagascar.

## MORMOPTERUS ACETABULOSUS NATALENSIS (A. Smith)

*Dysopes natalensis* A. Smith, Illustr. Zool. South Africa, Mamm., pl. 49, Dec. 1847. Near Port Natal, South Africa.

## MORMOPTERUS ALBIVENTER (Dobson)

*Nyctinomus albiventer* Dobson, Proc. Zool. Soc. London, for 1876, p. 733, Apl. 1877. Madagascar.

## MORMOPTERUS SETIGER (Peters)

*M[ormopterus] setiger* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 483, pl., f. 3, 1881. Taita, Kenya Colony.

## MYOPTERUS Oken

*Myopterus* Oken, Lehrbuch d. Naturgesch., pt. 3: zool., sect. 2, p. 932, 1816.

Genotype *Myopterus senegalensis* Oken the "rat-volant" of Daubenton. See Miller, Bull. U. S. Nat. Mus., no. 57, p. 246, 1907.

*Myopteris* Desmarest, Encyclop. Méthodique, Mammalogie, 1: 131, 1820; emendation.

*Myoptera* Blainville, Compt. Rend. Acad. Sci. Paris, 5: 815, 1837, variant.

*Eomops* Thomas, Ann. Mag. Nat. Hist. (7) 16: 572, Nov. 1905. Genotype  
*Mormopterus whitleyi* Scharff.

MYOPTERUS ALBATUS Thomas

*Myopterus albus* Thomas, Ann. Mag. Nat. Hist. (8) 16: 469, Dec. 1915.  
River Uele, Congo Belge.

MYOPTERUS SENEGALENSIS Oken

*Myopterus senegalensis* Oken, Lehrbuch d. Naturgesch., pt. 3: zool., sect. 2,  
p. 932, 1816. Senegal. Based on Daubenton's account.

*Myopterus daubentonii* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 574,  
1866. Senegal. Peters credits the name to E. Geoffroy, Descrip. de  
l'Egypte, 2: 113, 1818, in which Trouessart follows, but only the generic  
name appears there.

*Myopteris* (sic) *daubentonii* Desmarest, Encyclop. Méthodique, Mammalogie,  
1: 132, 1820. Senegal; based on the "rat-volant" of Daubenton (Mém.  
Acad. Roy. Sci. Paris, p. 386, 1759).

MYOPTERUS WHITLEYI (Scharff)

*Mormopterus whitleyi* Scharff, Ann. Mag. Nat. Hist. (7) 6: 569, text-f., Dec.  
1900. Benin City, West Africa.

### NYCTINOMUS E. Geoffroy. Wrinkle-lipped Bats

*Nyctinomus* E. Geoffroy, Description de l'Egypte, 2: 114, pl. 2, 1818. Geno-  
type *Nyctinomus ægyptiacus* E. Geoffroy.

NYCTINOMUS ÆGYPTIACUS E. Geoffroy

*Nyctinomus ægyptiacus* E. Geoffroy, Description de l'Egypte, 2: 128, pl. 2,  
no. 2, 1818. Egypt.

*Dysopes geoffroyi* Temminck, Monogr. de Mammalogie, 1: 226, pl. 19, 1827.  
Egypt. Substitute for *Nyctinomus ægyptiacus* E. Geoffroy.

NYCTINOMUS AFRICANUS Dobson

*Nyctinomus africanus* Dobson, Ann. Mag. Nat. Hist. (4) 17: 348, May 1876.  
Transvaal.

NYCTINOMUS ANCHIETÆ Seabra

*Nyctinomus anchietae* Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 6: 82,  
Aug. 1900. Quibula, Angola.

NYCTINOMUS ANSORGEI Thomas

*Nyctinomus ansorgei* Thomas, Ann. Mag. Nat. Hist. (8) 11: 318, Mar. 1913.  
Malange, northern Angola.

## NYCTINOMUS BEMMELENI Jentink

*Nyctinomus bemmeleni* Jentink, Notes Leyden Mus., 1: 125, Apl. 1879. Liberia.

*Nyctinomus vemmeleni* Trouessart, Cat. Mamm. Viv. Foss., pt. 1, p. 146, 1897  
(mistake for *bemmeleni*).

## NYCTINOMUS BOCAGEI Seabra

*Nyctinomus bocagei* Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 6: 84,  
Aug. 1900. Galanga, Angola.

## NYCTINOMUS BRUNNEUS Seabra

*Nyctinomus brunneus* Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 6: 83,  
Aug. 1900. Quissange, Angola.

## NYCTINOMUS CISTURUS Thomas

*Nyctinomus cisturus* Thomas, Ann. Mag. Nat. Hist. (7) 12: 502, Nov. 1903.  
Mangala, 25 miles north of Gondokoro, Kordofan, Anglo-Egyptian Sudan.

## NYCTINOMUS CONDYLRUS A. Smith

*Nyctinomus condylurus* A. Smith, South African Quart. Journ., 1: 54, 1833.  
Port Natal, South Africa.

Probably valid for the larger *Nyctinomus* of South Africa.

## NYCTINOMUS DUBIUS A. Smith

*Nyctinomus dubius* A. Smith, South African Quart. Journ., 1: 54, 1833. South  
Africa, between Cape Colony and Natal.

Status uncertain, but probably applicable to some one of the species of  
*Chærephon* or *Nyctinomus* of South Africa.

## NYCTINOMUS FULMINANS Thomas

*Nyctinomus fulminans* Thomas, Ann. Mag. Nat. Hist. (7) 12: 501, Nov. 1903.  
Fianarantsoa, eastern Betsileo, Madagascar.

## NYCTINOMUS LOBATUS Thomas

*Nyctinomus lobatus* Thomas, Ann. Mag. Nat. Hist. (6) 7: 303, Mar. 1891.  
Turquel, Sük, Kenya Colony.

## NYCTINOMUS OCHRACEUS J. A. Allen

*Nyctinomus ochraceus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 455, 29 Sep.  
1917. Medje, northeastern Congo Belge.

## NYCTINOMUS SPILLMANNI Monard

*Nyctinomus spillmanni* Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 51, 1932. Vila da Ponte, Angola.

## NYCTINOMUS TONGAËNSIS Wettstein

*Nyctinomus (Nyctinomus) tongaënsis* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 192, 1916. Tonga, Upper White Nile, Anglo-Egyptian Sudan.

## OTOMOPS Thomas

*Otomops* Thomas, Journ. Bombay Nat. Hist. Soc., 22: 90, 21 Apl. 1913. Genotype *Nyctinomus wroughtoni* Thomas.

## OTOMOPS ICARUS Chubb

*Otomops icarus* Chubb, Ann. Durban Mus., 1: 433, pl. 21, 21 May 1917. Durban, Natal.

## OTOMOPS MARTIENSSENI (Matschie)

*Nyctinomus martiensseni* Matschie, Arch. f. Naturg., 63: sect. 1, p. 84, Oct. 1897. Magrotto plantation near Tanga, Tanganyika Territory. The African representative of *O. wroughtoni* of India.

## PLATYMOPS Thomas

## Subgenus PLATYMOPS Thomas

*Platymops* Thomas, Ann. Mag. Nat. Hist. (7) 17: 499, May 1906. Genotype *Platymops macmillani* Thomas.

## PLATYMOPS MACMILLANI Thomas

*Platymops macmillani* Thomas, Ann. Mag. Nat. Hist. (7) 17: 500, May 1906. Between Addis Ababa and Lake Rudolf, Abyssinia.

## Subgenus SAUROMYS Roberts

*Sauromys* Roberts, Ann. Transvaal Mus., 6: 5, 28 June 1917. As a subgenus of *Platymops* Thomas, with p<sup>2</sup> present; type *Platymops haagneri* Roberts.

## PLATYMOPS HAAGNERI Roberts

*Platymops haagneri* Roberts, Ann. Transvaal Mus., 6: 5, 28 June 1917. Keetmanshoop, Damaraland, Southwest Africa.

## PLATYMOPS PETROPHILUS Roberts

*Platymops petrophilus* Roberts, Ann. Transvaal Mus., 6: 4, 28 June 1917; Bleskop, near Rustenburg, Transvaal.

## XIPHONYCTERIS Dollman

*Xiphonycteris* Dollman, Ann. Mag. Nat. Hist. (8) 7: 210, Feb. 1911. Genotype *Xiphonycteris spurrelli* Dollman.

## XIPHONYCTERIS SPURRELLI Dollman

*Xiphonycteris spurrelli* Dollman, Ann. Mag. Nat. Hist. (8) 7: 211, Feb. 1911. Bibianaha, 60 miles west of Kumasi, Gold Coast, Nigeria.

## Order PRIMATES. Lemurs and Monkeys, Man

## Suborder LEMUROIDEA. Lemurs

*Lemuriformes* Schwarz, Proc. Zool. Soc. London, p. 400, 29 June 1931.

## Family LORISIDÆ. Galagos and Slow Lemurs

## Subfamily LORISINÆ. Slow Lemurs

Review: Schwarz, E. On the African short-tailed lemurs or pottos. Ann. Mag. Nat. Hist. (10) 8: 249-256, Sep. 1931.

## ARCTOCEBUS Gray. Golden Potto

*Arctocebus* Gray, Proc. Zool. Soc. London, p. 150, Oct. 1863. Genotype

*Perodicticus calabarensis* J. A. Smith.

*Perodicticus*, *Nycticebus*, in part, of older authors.

ARCTOCEBUS CALABARENSIS CALABARENSIS (J. A. Smith)

*Perodicticus calabarensis* J. A. Smith, Proc. Roy. Soc. Edinburgh, 2: 177, text-f. 1-3, pl. 8, 1860, 1863 on title page. Old Calabar, southern Nigeria.

Range: Cameroon Mt. region, north to the limit of forest, west to the Niger and Sanaga Rivers.

ARCTOCEBUS CALABARENSIS AUREUS De Winton

*Arctocebus aureus* De Winton, Ann. Mag. Nat. Hist. (7) 9: 48, Jan. 1902. Spanish Guinea, 50 miles from the mouth of the Benito River.

*Arctocebus ruficeps* Thomas, Ann. Mag. Nat. Hist. (8) 12: 387, Oct. 1913. Metet, near the Nyong River, southern Cameroons.

Range: Spanish Guinea and the Cameroons.

## PERODICTICUS Bennett. Pottos

*Perodicticus* Bennett, Proc. Zool. Soc. London, p. 109, 1 Sep. 1831; Philos. Mag. (2) 10: 389, 1831. Genotype *Perodicticus geoffroyi* Bennett = *Lemur potto* P.L.S. Müller.

*Potto* Lesson, Species Mamm. Bimanes et Quadrumanes, pp. 207, 237, 1840. Genotype *Potto bosmanii* Lesson = *Lemur potto* P.L.S. Müller.

PERODICTICUS POTTO POTTO (P.L.S. Müller)

*Lemur potto* P.L.S. Müller, Linné's Natursyst., Suppl., p. 12, 1766. Elmina, Gold Coast (based on the Potto of Bosman).

*Galago guineensis* Desmarest, Encyclop. Méthodique, Mammalogie, 1: 104, 1820. Guinea. New name for *Lemur potto* P.L.S. Müller.

*Perodicticus geoffroyi* Bennett, Proc. Zool. Soc. London, p. 109, 1 Sep. 1831. Sierra Leone.

*Potto bosmanii* Lesson, Species Mamm. Bimanes et Quadrumanes, p. 238, 1840. Elmina, Gold Coast (renaming of *Lemur potto* P. L. S. Müller).

Range: Upper Guinea, from the Niger River west to the Gold Coast.

#### PERODICTICUS POTTO EDWARDSI A. Bouvier

*Perodicticus edwardsi* A. Bouvier, "Guide du Naturaliste", Revue Bibl. Sci. Nat., 1: 10, 1879. North bank of Congo River.

*Perodicticus batesi* De Winton, Ann. Mag. Nat. Hist. (7) 9: 48, Jan. 1902. "Benito River, 15 miles from the mouth"? = Spanish Guinea.

*Perodicticus ju-ju* Thomas, Ann. Mag. Nat. Hist. (8) 5: 351, Apl. 1910. Southern Nigeria.

Range: Forest region from lower Guinea coast (Cameroons, Rio Muni) east to between the Niger, Ubangi, and Congo Rivers.

#### PERODICTICUS POTTO FAUSTUS Thomas

*Perodicticus faustus* Thomas, Ann. Mag. Nat. Hist. (8) 6: 426, Oct. 1910. Irneti, Bompona, Maringa River, northwestern Congo Belge.

Range: Forests of left bank of the Congo.

#### PERODICTICUS POTTO IBEANUS Thomas

*Perodicticus ibeanus* Thomas, Abstract Proc. Zool. Soc. London, no. 81, p. 17, 22 Mar. 1910; Proc. Zool. Soc. London, p. 536, 11 Oct. 1910. Kakamega Forest, near Mt. Elgon, Kenya Colony.

*Perodicticus* (sic) *arrhenii* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 45, 1 Sep. 1917. Near Masisi, three days west of Lake Kivu, Congo Belge.

*Perodicticus* (sic) *nebulosus* Lorenz, Ann. K. K. Naturhist. Hofmus. Wien, 31: 239, 1917. Ukaika, Ituri forest, Congo Belge.

Range: Forest region and isolated areas north and east of the Congo, from the Ubangi east to Mau forest, Kenya Colony.

### Subfamily GALAGINÆ. Galagos or Bush Babies

#### GALAGO E. Geoffroy

*Galago* E. Geoffroy, Mag. Encyclopédique, 2e ann., 1: 49, pl., 1796. Genotype *Galago senegalensis* E. Geoffroy.

*Otolicnus* Illiger, Prodromus Syst. Mamm. et Avium, p. 74, 1811. Genotype *Lemur galago* Schreber = *Galago senegalensis* E. Geoffroy.

*Macropus* G. Fischer, Mém. Soc. Imp. des Nat., Moscou, 1: 12, 1811. New name for *Galago* E. Geoffroy, hence genotype *Galago senegalensis* E. Geoffroy. Preoccupied by *Macropus* Shaw, 1790, for kangaroos.



- Galagoides* A. Smith, South African Quart. Journ., (2) 2: 32, 1833. Genotype *Galago demidovii* G. Fischer (see Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: xxix, 1912 = 15 June 1913).
- Chiroschiurus* Gervais, Dictionnaire Pittoresque d' Hist. Nat., 4: pt. 318, p. 617, 1836. Based on the Khoyak of G. Cuvier and E. Geoffroy, Mag. Encyclop., (1) 2: 182, 1795, which is *Galago senegalensis* E. Geoffroy.
- Hemigalago* Dahlbom, Zool. Studier, 1: pt. 3, p. 224, 225, pl. 10, 1857. Genotype *Galago demidovii* G. Fischer.
- Otolemur* Coquerel, Revue et Mag. de Zool., (2) 11: 458, pl. 17-18, 1859. Genotype *Otolemur agisymbanus* Coquerel = *Galago crassicaudatus agisymbanus* (Coquerel).
- Callotus* Gray, Proc. Zool. Soc. London, p. 132, 145, 1863. Genotype *Callotus monteiri* Gray = *Galago crassicaudatus monteiri* Gray.
- Gray misspells the name *Callotis* in Proc. Zool. Soc. London, p. 458, 1864.
- Otogale* Gray, Proc. Zool. Soc. London, p. 132, 139, Oct. 1863. Type by subsequent designation *Otolicnus garnettii* Ogilby = *Galago crassicaudatus garnettii* (Ogilby).
- Sciurocheirus* Gray, Proc. Zool. Soc. London, for 1872, p. 857, text-f. 5, Apl. 1873. Genotype by monotypy *Galago alleni* Waterhouse.

Review: Schwarz, E. On the African long-tailed lemurs or galagos. Ann. Mag. Nat. Hist. (10) 7: 41-66, Jan. 1931.

#### GALAGO ALLENI Waterhouse

- Galago alleni* Waterhouse, Proc. Zool. Soc. London, for 1837, p. 87, 13 Feb. 1838. Island of Fernando Po.
- Galago allenii*, var. *gabonensis* Gray, Proc. Zool. Soc. London, p. 146, Oct. 1863. Gaboon.
- Otolicnus alleni* var. *cameronensis* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 472, 1876. Aqua Town (Duala), Cameroons.
- Galago gabonensis batsi* Elliot, Ann. Mag. Nat. Hist. (7) 20: 187, Sep. 1907. Como ("Kemo") River, 75 miles from mouth, Gaboon.
- Range: Forest region from the lower Niger and the Ubangi Rivers west to the Gulf of Guinea and Island of Fernando Po.

#### GALAGO CRASSICAUDATUS CRASSICAUDATUS E. Geoffroy

- Galago crassicaudatus* E. Geoffroy, Ann. Mus. d' Hist. Nat. Paris, 19: 166, 1812. No locality given, but fixed by Thomas (Ann. Mag. Nat. Hist. (8) 20: 48, July 1917), as Quelimane, Mozambique.
- Otogale crassicaudata* var. *kirkii* Gray, Proc. Zool. Soc. London, for 1864, p. 456, May 1865. Quelimane, Mozambique.
- Otolemur badius* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 277, 1905. Ugalla (or Ualaba) River, Tanganyika Territory.
- Range: South slope of Uluguru Mts., Tanganyika Territory, south to the Zambesi River and west to the central Rift Valley.

*GALAGO CRASSICAUDATUS AGISYMBANUS* (Coquerel)

*Otolemur agisymbanus* Coquerel, Revue et Mag. de Zool., (2) 11: 459, pl. 17-18, f. 1-1 b, 1859. Agisymbana Island, northern Zanzibar, East Africa.

Range: Zanzibar and Pemba Islands.

*GALAGO CRASSICAUDATUS ARGENTATUS* Lönnberg

*Galago argentatus* Lönnberg, Ann. Mag. Nat. Hist. (8) 11: 167, Jan. 1913.

Ukina, east of Shirati, east of Lake Victoria, Tanganyika Territory.

Range: East shores of Lake Victoria, Ukerewe Island.

*GALAGO CRASSICAUDATUS GARNETTII* (Ogilby)

*Otolicnus garnettii* Ogilby, Proc. Zool. Soc. London, p. 6, July 1838. No locality, but regarded usually as "Natal", although "accepted" as Zanzibar by Thomas (Ann. Mag. Nat. Hist. (8) 20: 48, July 1917); but see Schwarz (ibid., (10) 5: 49-50, Jan. 1930).

*Galago zuluensis* Elliot, Ann. Mag. Nat. Hist. (7) 20: 186, Sep. 1907. Zululand, Natal.

*GALAGO CRASSICAUDATUS KIKUYUENSIS* Lönnberg

*Galago (Otolemur) kikuyuensis* Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 64, Jan. 1912. Escarpment Station, Kikuyu, Naivasha Province, Kenya Colony.

*GALAGO CRASSICAUDATUS LASIOTIS* Peters

*Galago lasiotis* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 912, text-f. 1, 1876. Mombasa, Kenya Colony.

*Galago hindei* Elliot, Ann. Mag. Nat. Hist. (7) 20: 186, Sep. 1907. Kitui, Athi River, Kenya Colony.

*Galago hindsi* Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: 62, 1912 = 15 June 1913 (lapsus cal.).

Range: Italian Somaliland and Kenya Colony, from lower Juba River, south to Tanga, Tanganyika Territory.

*GALAGO CRASSICAUDATUS LÖNNBERGI* Schwarz

*Galago crassicaudatus lönnbergi* Schwarz, Ann. Mag. Nat. Hist. (10) 5: 48, Jan. 1930. Tambarara, Gorongosa Mts., Mozambique.

Range: South of the Zambezi River to the Limpopo, exact limits unknown.

*GALAGO CRASSICAUDATUS MONTEIRI* (Gray)

*Calotus monteiroi* Gray (ex Bartlett MS.), Proc. Zool. Soc. London, p. 145, Oct. 1863. Cuvo Bay, south of Loanda, Angola.

Range: South-central and southwestern Africa from the central African Rift Valley in the east, between Baraka and the Zambezi River.

*GALAGO CRASSICAUDATUS PANGANIENSIS* (Matschie)

*Otolemur panganiensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 278, Dec. 1905. Arusha, near Mt. Kilimanjaro, Tanganyika Territory.

Range: Tanganyika Territory from Mt. Kilimanjaro and Mt. Meru south to the Uluguru Mts., and on Mafia Island.

*GALAGO CRASSICAUDATUS UMBROSUS* Thomas

*Galago* [*crassicaudatus*] *umbrosus* Thomas, Ann. Mag. Nat. Hist. (8) 20: 49, July 1917. Woodbush Mountain, Tzaneen Estate, Zoutpansberg district, northern Transvaal.

Range: Only recorded from type locality.

*GALAGO DEMIDOVII DEMIDOVII* G. Fischer

*Lemur minutus* G. Cuvier, Tabl. Élément. Hist. Nat. des Anim., p. 101, 1798. Senegal. "Unidentifiable. . . . Some authors have synonymized the species with *Galago demidoffi* G. Fischer, described eight years later" (Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 302, 6 Feb. 1925).

*Galago cuvieri* G. Fischer, Mém. Soc. Imp. des Naturalistes, Moscou, 1: 23, 1806. New name for *Lemur minutus* G. Cuvier, which is unidentifiable.

*Galago demidovii* G. Fischer, Comment. Soc. Phys. Med. Moscou, 1: 57, 1808, apud Sherborn. Senegal.

*Galagoides demidoffi* A. Smith, South African Quart. Journ., 2: no. 1, pt. 2, p. 32, 1833 (fide Sherborn).

*Mioxicebus rufus* Lesson, Species Mamm. Bimanes et Quadrumanes, p. 219, 1840. "Madagascar," but said to be a synonym of *Galago demidovii* G. Fischer (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 303, 6 Feb. 1925).

*Otolicnus* (sic) *pele* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 42, 1853. Dabacrom, Gold Coast.

Range: Forest region from Senegal to Liberia, Gold Coast and Niger River.

*GALAGO DEMIDOVII ANOMURUS* Pousargues

*Galago* (*Hemigalago*) *anomurus* Pousargues, Bull. Soc. Zool. de France, 18: 51, 1893; Nouv. Arch. Mus. d'Hist. Nat. Paris, (3) 6: 157, pl. 2 (col.), 1894. Upper Kemo River, right affluent of the Ubangi, French Congo.

*Hemigalago demidoffi medius* Thomas, Ann. Mag. Nat. Hist. (8) 16: 466, Dec. 1915. Poko, upper Uele district, Congo Belge.

Range: Forests of right bank of the Congo, from the upper Shari and east of the Ubangi Rivers, south to Panga on the middle Aruwimi.

*GALAGO DEMIDOVII ORINUS* Lawrence and Washburn

*Galago demidovii orinus* Lawrence and Washburn, Occasional Papers Boston Soc. Nat. Hist., 8: 259, 8 Jan. 1936. Bagilo, Uluguru Mts., Tanganyika Territory, 5000 feet.

*GALAGO DEMIDOVII PHASMA* Cabrera and Ruxton

*Galagoides demidoffi phasma* Cabrera and Ruxton, Ann. Mag. Nat. Hist. (9) 17: 596, May 1926. St. Joseph de Luluabourg, southern Congo Belge.

Range: Forest region on left bank of the Congo, from near its mouth east to Tanganyika-Morro district.

## GALAGO DEMIDOVII POENSIS Thomas

*Galago demidoffi poensis* Thomas, Abstract Proc. Zool. Soc. London, no. 10, p. 12, 22 Nov. 1904; Proc. Zool. Soc. London, for 1904, 2: 186, 18 Apl. 1905. Bantaberi, Island of Fernando Po, 1800 m.

Range: Island of Fernando Po.

## GALAGO DEMIDOVII PUSILLUS (Peters)

*Otolicnus pusillus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 473, 1876. Donguila, Gaboon, French Equatorial Africa.

According to Schwarz, E., (Ann. Mag. Nat. Hist. (10) 7: 62, Jan. 1931), the type is from Old Gaboon Station (Libreville), Gaboon.

## GALAGO DEMIDOVII THOMASI Elliot

*Galago (Hemigalago) thomasi* Elliot, Ann. Mag. Nat. Hist. (7) 20: 189, Sep. 1907. Fort Benin, Semliki River, border of Uganda and Congo Belge.

*Galago matschiei* Lorenz, Ann. K. K. Naturhist. Hofmus., Wien, 31: 237, 1917. Moëra, Ituri forest, Congo Belge.

Range: Central Ituri forest region east to Lake Victoria and the Victoria Nile.

## GALAGO SENEGALENSIS SENEGALENSIS E. Geoffroy

*Galago senegalensis* E. Geoffroy, Mag. Encyclopéd., 1: 38-41, pl. 1, 1796. Senegal.

*Lemur galago* G. Cuvier, Tabl. Élément. Hist. Nat. des Anim., p. 101, 1798. Senegal.

*Lemur calago* Shaw, Gen. Zool., Mamm., 1: 108, 1800. Senegal.

*Galago geoffroyi* G. Fischer, Mém. Soc. Imp. des Nat., Moscou, 1: 25, 1806. Substitute name for *G. senegalensis* E. Geoffroy.

*Galago acaciarum* Lesson, Species Mamm. Bimanes et Quadrumanes, p. 246, 1840. New name for *G. senegalensis* E. Geoffroy.

*Otolicnus teng* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 201, 1843. Bahr-el-Abiad, Anglo-Egyptian Sudan.

*Galago murinus* Murray, Edinburgh Philosophical Journ., 10: 243, 1859.

*Galago sennariensis* Gray, Proc. Zool. Soc. London, p. 147, text-f., Oct. 1863. White Nile, Sennaar, Anglo-Egyptian Sudan. According to Schwarz (Ann. Mag. Nat. Hist. (10) 7: 53, footnote, Jan. 1931) this is the first publication of the name in a technical sense; *Otolicnus galago*, a. *sennariensis* Wagner (Schreber's Säugthiere, Suppl., 5: 158, 1855) is only a geographical designation.

*Galago pupulus* Elliot, Ann. Mag. Nat. Hist. (8) 5: 77, Jan. 1910. Yola, Nigeria.

Range: French and Anglo-Egyptian Sudan in the savanna country, from Senegal and Gambia east to Abyssinia.

*GALAGO SENEGALENSIS ALBIPES* Dollman

*Galago braccatus albipes* Dollman, Ann. Mag. Nat. Hist. (8) 4: 549, Dec. 1909.  
Kirui, Mt. Elgon, Kenya Colony.

Range: Uplands of Kenya Colony west of the Rift Valley.

*GALAGO SENEGALENSIS BRACCATUS* Elliot

*Galago braccatus* Elliot, Ann. Mag. Nat. Hist. (7) 20: 187, Sep. 1907. (Tsavo River north of) Mount Kilimanjaro, Kenya Colony.

Range: Uplands of Kenya and Tanganyika, west to the Great Rift Valley, south to Pangani River.

*GALAGO SENEGALENSIS BRADFIELDI* Roberts

*Galago moholi bradfieldi* Roberts, Ann. Transvaal Mus., 14: 224, 28 July 1931.

No locality given, but according to Shortridge (Mamm. South West Africa, 1: 11, 1934) the type was from Waterberg, Southwest Africa.

*GALAGO SENEGALENSIS DUNNI* Dollman

*Galago dunni* Dollman, Ann. Mag. Nat. Hist. (8) 5: 92, Jan. 1910. Headwaters of Fafan, 35 miles east of Harar, Somaliland.

Range: Abyssinian plateau.

*GALAGO SENEGALENSIS GALLARUM* Thomas

*Galago gallarum* Thomas, Ann. Mag. Nat. Hist. (7) 8: 27, July 1901. Webi Dau, Boran Galla country, southern Abyssinia.

Range: Somaliland and Galla country south of the Abyssinian plateau and Chercher Range, south to Northern Guaso Nyiro and Tana River, Kenya Colony.

*GALAGO SENEGALENSIS GRANTI* Thomas and Wroughton

*Galago granti* Thomas and Wroughton, Proc. Zool. Soc. London, p. 286, 1 Aug. 1907. Coguno, Inhambane, Mozambique.

*Galago mertensi* Frade, Bull. Soc. Portugaise Sci. Nat., Lisbonne, 9: 128, 1924. Chibuto = Shibuto, Inhambane, Prov. Lourenço Marques, Mozambique.

Range: Southern part of Mozambique.

*GALAGO SENEGALENSIS INTONTOI* Monard

*Galago moholi* var. *intontoi* Monard, Bull. Soc. Neuchâteloise Sci. Nat., Neuchâtel, 55: 67, 1931. Type locality not designated, specimens recorded from Mbalé River, Caquindo, Chimporo, and Vila da Ponte, Angola.

## GALAGO SENEGALENSIS INUSTUS Schwarz

*Galago senegalensis inustus* Schwarz, Revue Zool. et Bot. Africaines, 19: 391, 1 Oct. 1930. Djugu, west of Lake Albert, south of Mahagi, Ituri district, Congo Belge. According to Hayman (Ann. Mag. Nat. Hist. (10) 20: 150, July 1937) this should stand as a full species.

Range: Semliki-Ituri divide.

## GALAGO SENEGALENSIS MOHOLI A. Smith

*Galago moholi* A. Smith, Report Exped. for Exploring Central Africa, from Cape of Good Hope, June 23, 1834, under Dr. A. Smith, p. 42, June 1836. Banks of the Marikwa and Limpopo, Bechuanaland.

*Galago conspicillatus* I. Geoffroy, Cat. Méthodique Mamm. Mus. d'Hist. Nat., Paris, Primates, pt. 1, p. 81, 1851.

*Otolicnus galago* var. *australis* Wagner, Schreber's Säugthiere, Suppl., 5: 158, 1855. New name for *Galago moholi* A. Smith; according to Schwarz (Ann. Mag. Nat. Hist. (10) 7: 53, footnote, Jan. 1931) this is not a technical use of the name but adjectival merely.

*O[tolicnus]* *mossambicus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 473, footnote, 1876. Tette, south bank of Zambesi River, Mozambique; based on the *O. senegalensis* of the "Reise."

*Galago nyasæ* Elliot, Ann. Mag. Nat. Hist. (7) 20: 188, Sep. 1907. Mountains south of Lake Nyasa, Mozambique.

*Galago nyassæ* Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: 70, 1912 = 15 June 1913 (lapsus cal.).

*Galago tumbolensis* Monard, Bull. Soc. Neuchâteloise Sci. Nat., Neuchâtel, 55: 68, 1931. Tumbolê River, branch of the Kutato, about 40 km. east of Vila da Ponte, Angola. Probably a synonym of *moholi*.

Range: Savanna country of South Africa, from Tanganyika Territory (Tabora) on the east to Angola in the west.

## GALAGO SENEGALENSIS SOTIKÆ Hollister

*Galago sotikæ* Hollister, Smithsonian Misc. Coll., 72: no. 2, p. 1, 22 Jan. 1920; Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 16, pl. 2 (skull), 1924. Telek River, Sotik, Kenya Colony.

## GALAGO SENEGALENSIS ZANZIBARICUS Matschie

*Galago zanzibaricus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 111, 1893. Yambiani, western Zanzibar (not Muyuni as given in original description, see Schwarz, E., Ann. Mag. Nat. Hist. (10) 7: 55, Jan. 1931).

*Galago moholi cocos* Heller, Smithsonian Misc. Coll., 60: no. 12, p. 1, 4 Nov. 1912. Mazeras, Kenya Colony.

Range: Zanzibar Island and adjacent mainland coast from northeast of Mombasa (Mazeras) to at least Dar-es-Salaam (Tanganyika Territory).



## EUOTICUS Gray

*Euoticus* Gray, Proc. Zool. Soc. London, p. 140, text-f., Oct. 1863. As a subgenus of *Otogale* Gray (= *Galago* E. Geoffroy); type *Otogale pallida* Gray.

## EUOTICUS ELEGANTULUS ELEGANTULUS (Leconte)

*Microcebus elegantulus* Leconte, Proc. Acad. Nat. Sci. Philadelphia, p. 10, 1857. "Western Africa" (Du Chaillu Collection); type locality fixed as Njola, Ogowé River, Gaboon (see Schwarz, E., Ann. Mag. Nat. Hist. (10) 7: 65, Jan. 1931).

*Otolicnus apicalis* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 361, Nov. 1860. Gaboon, "mountains of the interior near the equator," i.e., north of Njola, Ogowé River.

*Galago elegantulus tonsor* Dollman, Ann. Mag. Nat. Hist. (8) 5: 94, Jan. 1910. Spanish Guinea, 15 miles from mouth of Benito River.

Range: Forest region between the Sanaga, Ubangi and Congo Rivers on the east to the Cameroons, Muni, and Gaboon.

## EUOTICUS ELEGANTULUS PALLIDUS (Gray)

*Otogale pallida* Gray, Proc. Zool. Soc. London, p. 140, pl. 19, text-f., Oct. 1863. Island of Fernando Po.

*Galago talboti* Dollman, Ann. Mag. Nat. Hist. (8) 5: 93, Jan. 1910. Nkami, southern Nigeria.

Range: Island of Fernando Po and adjacent mainland of Nigeria and Cameroons from the lower Niger probably east to the Sanaga River.

## Family LEMURIDÆ. Typical Lemurs

Review and key to genera: Schwarz, E. A revision of the genera and species of Madagascan Lemuridæ. Proc. Zool. Soc. London, p. 399-428, 29 June 1931.

## Subfamily CHEIROGALEINÆ. Mouse Lemurs

## CHEIROGALEUS E. Geoffroy

*Cheirogaleus* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 172, 1812. Genotype *Cheirogaleus major* E. Geoffroy (fixed by Elliot, D. G., Publ. Field Columbian Mus., Zool., 8: 548, 1907).

*Chirogaleus* Oken, Lehrbuch d. Naturgesch., pt. 3, zool., sect. 2, p. xi, 1168, 1816; emendation. Genotype *Cheirogaleus major* E. Geoffroy.

*Cebugale* Lesson, Spec. Mamm., pp. 207, 219, 1840. Genotype, by monotypy, *Cebugale commersonii* Lesson = *Cheirogaleus major* E. Geoffroy.

*Mioxicebus* Lesson, Spec. Mamm., pp. 207, 219, 1840. Genotype, by subsequent designation, *Mioxicebus griseus* Lesson = *Cheirogaleus major* E. Geoffroy.



- Chirogale* Gloger, Gemein. Hand- u. Hilfsbuch d. Naturgesch., 1: 44, 1841; emendation.
- Myspithacus* F. Cuvier, Hist. Nat. d. Mammifères, Tabl. Gén. Méthod., p. 2, 1842; not of Blainville, 1839. Genotype by monotypy Le maki nain = *Cheirogaleus major* E. Geoffroy.
- Myoxicebus* L. Agassiz, Nomenclator Zool., Index Univ., p. 243, 1845; emendation of *Mioxicebus*.
- Myoxocebus* L. Agassiz, Nomenclator Zool., Index Univ., p. 235, 1846; emendation of *Mioxicebus* Lesson.
- Opolemur* Gray, Proc. Zool. Soc. London, for 1872, p. 853, Apl. 1873. Genotype by monotypy *Opolemur milii* Gray (not E. Geoffroy) = *Cheirogaleus medius samati* (A. Grandidier).
- Altilemur* Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: xlvii, 111, 1912 (=15 June 1913). Genotype *Altilemur medius* (E. Geoffroy) = *Cheirogaleus medius* E. Geoffroy.
- Altilemur* Weber, Die Säugetiere, ed. 2, 2: 736, 1928; lapsus for *Altilemur*.

CHEIROGALEUS MEDIUS MEDIUS E. Geoffroy

- Cheirogaleus medius* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 172, pl. 10, f. 2, 1812. Ft. Dauphin, southeastern Madagascar (see Schwarz, E., Proc. Zool. Soc. London, p. 405, 29 June 1931).
- Opolemur thomasi* Forsyth Major, Novitates Zool., 1: 20, pl. 1, f. 1; pl. 2, f. 2, 11, 30 Jan. 1894. Ft. Dauphin, southeastern Madagascar.

CHEIROGALEUS MEDIUS SAMATI A. Grandidier

- Chirogalus samati* A. Grandidier, Revue et Mag. de Zool., (2) 20: 49, Feb. 1868. Tsidsibon River, western Madagascar.
- Cheirogaleus medius samati* Schwarz, Proc. Zool. Soc. London, p. 405, 29 June 1931.

CHEIROGALEUS MAJOR MAJOR E. Geoffroy

- Chirogaleus major* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 172, pl. 10, f. 1, 1812. Ft. Dauphin, southeastern Madagascar.
- Lemur commersonii* Wolf, Abbild. u. Beschreib. merkwürd. naturgesch. Gegenstände, ed. 1, 2: 9, pl. 4, 1822. Based on Commerson's drawing made at Ft. Dauphin, southeastern Madagascar.
- Cheirogaleus milii* E. Geoffroy, Cours de l'Hist. Nat. des Mammifères, leçon 11, p. 24, 1828. Madagascar.
- Myspithacus typus* F. Cuvier, Hist. Nat. des Mammifères, ed. 2, p. 228, pl. 83, 1833.
- Cheirogaleus typicus* A. Smith, South African Quart. Journ., 2: 50, 1833. Madagascar.
- Mioxicebus griseus* Lesson, Spec. Mamm., p. 207, 219, 1840. Madagascar.

*Chiogalus adipicaudatus* A. Grandidier, Ann. des Sci. Nat., Zool., (5) 10: 378, 1868. Tulleur, Madagascar.

Range: Western and southeast coasts of Madagascar.

CHEIROGALEUS MAJOR CROSSLEYI A. Grandidier

*Chiogalus crossleyi* A. Grandidier, Revue et Mag. de Zool., (2) 22: 49, Feb. 1870. Forests east of Antsianak, Madagascar.

*Chiogale melanotis* Forsyth Major, Novitates Zool., 1: 25, pl. 2, f. 10, 30 Jan. 1894. Vohemar or Vohima, northeast coast of Madagascar.

*Chiogale sibreei* Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 325, Oct. 1896. Ankeramadinika, east of Antananarivo, Madagascar.

CHEIROGALEUS TRICHOTIS Günther

*Chiogaleus trichotis* Günther, Proc. Zool. Soc. London, p. 78, text-f. 1, 2, June 1875. Between Tamatave and Morondava, Madagascar.

### MICROCEBUS E. Geoffroy

*Microcebus* E. Geoffroy, Cours de l'Hist. Nat. des Mammifères, leçon 11, p. 24, 1828. Genotype by original designation Le Microcèbe roux = *Microcebus rufus* (Wagner).

According to Palmer (No. Amer. Fauna, no. 23, p. 420, 23 Jan. 1904) the work above mentioned was published in 1834, and the genotype is *Lemur pusillus* E. Geoffroy.

*Scartes* Swainson, Nat. Hist. and Classif. Quadrupeds, p. 352, 1835. Genotype, by monotypy, *Scartes murinus* Swainson = *Microcebus murinus* J. F. Miller.

*Myscebus* Lesson, Spec. Mamm., pp. 207, 214, 1840. Type by monotypy, *Myscebus palmarum* Lesson = *Microcebus murinus* J. F. Miller.

*Gliscebus* Lesson, Spec. Mamm., pp. 207, 216, 1840. Genotype *Gliscebus murinus* Lesson = *Microcebus murinus* J. F. Miller (as fixed by Schwarz, E., Proc. Zool. Soc. London, p. 401, 29 June 1931).

*Myocebus* Wagner, Arch. f. Naturgesch., 7: sect. 2, p. 19, 1841. Error for *Myscebus*.

*Mirza* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 131, 1870. Genotype by monotypy *Cheirogaleus coquereli* A. Grandidier.

*Azema* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 132, 1870. Genotype by monotypy *Cheirogaleus smithii* Gray = *Microcebus murinus rufus* Wagner.

*Murilemur* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 132, 1870. Genotype by monotypy *Microcebus murinus* J. F. Miller.

MICROCEBUS MURINUS MURINUS (J. F. Miller). Gray Mouse Lemur

*Lemur murinus* J. F. Miller, Various Subjects of Nat. Hist., pl. 13, 1777; *Cimelia Physica*, pl. 13 and text p. 25, 1796. Madagascar but "obviously the greyish southern and western" race.

*Prosimia minima* Boddart, *Elenchus Animalium*, p. 66, 1785. Based on Brown's "Little Maucauco," in *New Illustr. Zool.*, p. 107, pl. 44, 1776 (see Schwarz, E., *Proc. Zool. Soc. London*, p. 402, 29 June 1931). Madagascar.

*Lemur prehensilis* Kerr, *Linnaeus's Animal Kingdom*, p. 88, 1792. Based on same sources as *Prosimia minima* Boddart.

*Lemur pusillus* E. Geoffroy, *Bull. Soc. Philomathique*, Paris, 1: 90, 1795. Audebert's pl. 8 (*Hist. Nat. d. Singes et Makis*, 1800) "may be regarded as representing the type" (Schwarz, E., *Proc. Zool. Soc. London*, p. 402, 29 June 1931).

*Galago madagascariensis* E. Geoffroy, *Ann. Mus. d'Hist. Nat. Paris*, 19: 166, 1812. Madagascar.

*Cheirogaleus minor* E. Geoffroy, *Ann. Mus. d'Hist. Nat. Paris*, 19: 172, pl. 10, f. 3, 1812. Probably Fort Dauphin, southeastern Madagascar.

*Myocebus palmarum* Lesson, *Spec. Mamm.*, p. 214, 1840.

*Microcebus myoxinus* Peters, *Reise nach Mossambique*, *Zool.*, 1: Säuegeth., p. 14, pls. 3, 4, f. 6-9, 1852. Bombatoka, St. Augustine's Bay, southwestern Madagascar.

*Chirogalus gliroides* A. Grandidier, *Ann. des Sci. Nat., Zool.*, (5) 10: 378, 1868. Tulear, Madagascar.

*M[icrocebus] minor griseorufus* Kollman, *Bull. Mus. d'Hist. Nat. Paris*, 16: 304, 24 Nov. 1910. Southeast, south and southwest coasts of Madagascar.

Range: Southeastern, eastern and western Madagascar as far north as the Betsiboka River.

MICROCEBUS MURINUS RUFUS Wagner

*Microcebus rufus* Wagner, Schreber's *Säugethiere*, *Suppl.*, 1: 291, footnote, 1840; based on the *Galago madagascariensis* of Geoffroy (*Ann. Mus. d'Hist. Nat.*, Paris, 19: 166, 1812) and of Desmarest (*Encyclop. Méthodique*, *Mammalogie*, 1: 103, 1820). Probably eastern Madagascar.

*Chirogaleus smithii* Gray, *Ann. Mag. Nat. Hist.* (1) 10: 257, Dec. 1842. Madagascar; for F. A. Smith.

Range: Eastern, east-central and northern Madagascar as far south as Ft. Dauphin in the east, and Bay of Bombétoka in the northwest.

MICROCEBUS COQUERELI (A. Grandidier)

*Chirogalus coquereli* A. Grandidier, *Revue et Mag. de Zool.*, (2) 19: 85, Mar. 1867. Morondova, southwestern Madagascar.

## PHANER Gray

*Phaner* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 132, 1870. Genotype by monotypy *Lemur furcifer* Blainville.

*Microcebus*, *Cheirogaleus*, *Lepilemur*, of older authors, in part.

## PHANER FURCIFER (Blainville)

*Lemur furcifer* Blainville, Ostéographie, Mammifères, Primates, Lemur, p. 35, pl. 7, f. 2, 1839. "Probably the region of the Bay of Antongil, N. E. Madagascar" (Schwarz, E., Proc. Zool. Soc. London, p. 407, 29 June 1931).

Range: Northern and northwestern Madagascar.

## Subfamily LEMURINÆ

## HAPALEMUR I. Geoffroy

*Hapalemur* I. Geoffroy, L' Institut, Paris, 19: 341, 22 Oct. 1851. Genotype by monotypy *Lemur griseus* E. Geoffroy.

*Hapalolemur* Giebel, Die Säugethiere, p. 1018, 1855; emendation of *Hapalemur* I. Geoffroy.

*Prolemur* Gray, Proc. Zool. Soc. London, for 1870, p. 828, pl. 52, text-f. 1-4, Apl. 1871. Type by monotypy *Hapalemur sinus* Gray.

## HAPALEMUR SIMUS Gray

*Hapalemur sinus* Gray, Proc. Zool. Soc. London, for 1870, p. 828, pl. 52, text-f. 1-4, Apl. 1871. Madagascar, without definite locality.

Range: Forested region of eastern Madagascar.

## HAPALEMUR GRISEUS GRISEUS (Link)

*L[emur] griseus* Link, Beytrage z. Naturgesch., 1: pt. 2, p. 65, 1795. Based on Le petit maki gris of Buffon, Hist. Nat., Suppl., 7: 121, pl. 34, 1789. Madagascar.

*Lemur cinereus* Desmarest, Encyclop. Méthodique, Mammalogie, 1: 101, 1820, in error for *griseus*. Madagascar.

*Hapalemur schlegeli* Pocock, Ann. Mag. Nat. Hist. (8) 19: 348, Mar. 1917. Madagascar, without definite locality, but "probably . . . the northwest coast."

Range: Southern and western coasts and dry central plateau of Madagascar.

## HAPALEMUR GRISEUS OLIVACEUS I. Geoffroy

*Hapalemur olivaceus* I. Geoffroy, Cat. Méthodique Mamm. Mus. d'Hist. Nat. Paris, Primates, p. 75, 1851. Madagascar, without exact locality.

Range: Moist wooded parts of eastern Madagascar probably as far south as Ft. Dauphin (Schwarz, E., Proc. Zool. Soc. London, p. 408, 29 June 1931).

## LEMUR Linnæus

*Lemur* Linnæus, Syst. Nat., ed. 10, 1: 29, 1758. Genotype *Lemur catta* Linnæus (see Thomas, O., Proc. Zool. Soc. London, p. 129, Mar. 1911).

*Prosimia* Brisson, Regnum Anim. in Classes IX distrib., ed. 2, p. 13, 156, 1762.

Genotype by subsequent designation, *Lemur catta* Linnæus (see Elliot, D. G., Review of the Primates, 1: xxviii, 1912 =15 June 1913).

*Procebus* Storr, Prodrum. Method. Mamm., p. 32, tabl. spec. A, 1780. Genotype *Lemur catta* Linnæus.

*Catta* Link, Beschreib. Naturalien-Sammlung Univ. Rostock, 1: 7, 1806.

Genotype by tautonymy, *Lemur catta* Linnæus.

*Maki* Muirhead, Brewster's Edinburgh Encyclop., 13: 405, 1819. Genotype

*Maki mococo* Muirhead = *Lemur catta* Linnæus (see Schwarz, E., Proc. Zool. Soc. London, p. 409, 29 June 1931).

*Varecia* Gray, Proc. Zool. Soc. London, p. 135, text-f., Oct. 1863. Type by subsequent designation *Lemur variegatus* Kerr (see Elliot, D. G., Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: xxx, 1912 =15 June 1913).

*Mococo* Trouessart, Revue et Mag. de Zool., (3) 6: 163, 1878; quoted from Lesson. Genotype by monotypy *Prosimia catta* = *Lemur catta* Linnæus.

*Eulemur* Haeckel, Syst. Phylogenie d. Wirbelthiere, 3: 600, 1895. Nomen nudum; no species mentioned.

Review and key to species: Schwarz, E., Proc. Zool. Soc. London, p. 409-419, 29 June 1931.

## LEMUR CATTa Linnæus. Ring-tailed Lemur

*Lemur catta* Linnæus, Syst. Nat., ed. 10, 1: 30, 1758. Madagascar.

*Maki mococo* Muirhead, Brewster's Edinburgh Encycloped., 13: 405, 1819. No locality.

Range: Rocky open country from region of Ft. Dauphin in southeastern Madagascar to southern and southwestern parts near Bay of St. Augustin.

## LEMUR MACACO MACACO Linnæus. Black Lemur

*Lemur macaco* Linnæus, Syst. Nat., ed. 12, 1: 44, 1766. Madagascar, without exact locality.

*Lemur macaco niger* Schreber, Säugthiere, 1: (142), pl. 40 A, 1775. Madagascar.

*Lemur leucomystax* Bartlett, Proc. Zool. Soc. London, for 1862, p. 347, pl. 41, Apl. 1863. Madagascar, without definite locality.

Range: Forests of northwestern coasts of Madagascar and the coastal islands, north of Bay of Bombétoka.

## LEMUR MACACO ALBIFRONS E. Geoffroy

*Lemur albifrons* E. Geoffroy, Mag. Encyclopédique, 1: 20, 1796. Madagascar, without exact locality.

*Prosimia frederici* Lesson, Spec. Mamm., p. 230, 1840. Madagascar, without exact locality.

LEMUR MACACO COLLARIS E. Geoffroy

*Lemur collaris* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 161, 1812. Madagascar, without exact locality.

*Prosimia melanocephala* Gray, Proc. Zool. Soc. London, p. 137, pl. 18, Oct. 1863. Madagascar.

*Prosimia xanthomystax* Gray, Proc. Zool. Soc. London, p. 138, pl. 17, Oct. 1863. Madagascar, without exact locality.

*Lemur mongoz* var. *cinereiceps* A. Grandidier and Milne-Edwards, Hist. Nat. Madagascar, Mamm., 5: atlas, 2: pl. 140; pl. 147, f. 2, 1890. Madagascar.

Range: Coastal forests of southeastern Madagascar from Ft. Dauphin in the south, to "at least Masindrano in the north."

LEMUR MACACO FLAVIFRONS (Gray)

*Prosimia flavifrons* Gray, Proc. Zool. Soc. London, p. 596, pl. 31, Oct. 1867. Madagascar, without exact locality. Probably a synonym of *Lemur macaco collaris*.

*Lemur nigerrimus* P. L. Sclater, Proc. Zool. Soc. London, p. 451, text-f. 2, Oct. 1880. Madagascar, without exact locality. This is stated by Schwarz (Mammalia, 1: 1, 1 Sep. 1936) to be the female of *L. m. flavifrons*.

Range: Maromandia, northwestern Madagascar.

LEMUR MACACO FULVUS E. Geoffroy

*Lemur fulvus* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 161, 1812. Madagascar, without exact locality. As to subspecific status, see Schwarz, E. (Mammalia, 1: 1, 1 Sep. 1936).

*Prosimia macromongoz* Lesson, Spec. Mamm., p. 226, 1840. No exact locality.

*Lemur bruneus* van der Hoeven, Tijdschr. f. Natur. Geschied. Physiol., 11: 35, 1844. New name for *Lemur fulvus* E. Geoffroy.

LEMUR MACACO MAYOTTENSIS Schlegel

*Lemur mayottensis* Schlegel, Nederland. Tijdschr. Dierkunde, no. 3: 76, 1866. Island of Mayotte, Mascarene group. "There is little doubt about its being entitled to subspecific rank" (Schwarz, E., Proc. Zool. Soc. London, p. 414, 29 June 1931).

LEMUR MACACO RUFUS Audebert

*Lemur rufus* Audebert, Hist. Nat. des Singes et Makis, Makis, p. 12, pl. 2, 1799. Madagascar, without definite locality.

*Lemur rufifrons* Bennett, Proc. Zool. Soc. London, p. 106, 18 Nov. 1833. Madagascar, without definite locality.

Range: Central plateau of Madagascar and west coast.



## LEMUR MACACO SANFORDI Archbold

*Lemur fulvus sanfordi* Archbold, Amer. Mus. Novitates, no. 518, p. 1, 26 Mar. 1932. Mt. D'Ambre, Madagascar.

## LEMUR MONGOZ MONGOZ Linnæus

*Lemur mongoz* Linnæus, Syst. Nat., ed. 12, 1: 44, 1766. Madagascar, based on Edwards's colored plate, Gleanings of Nat. Hist., 1: 12, pl. 216, 1758 — in A Nat. Hist. of Birds.

*Lemur nigrifrons* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 160, 1812. Based on Petivier, Gazophylacii Naturæ et Artis, dec. 1, p. 4, pl. 17, f. 5, 1767. Madagascar.

*Lemur albimanus* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 160, 1812. [Anjouan Id., Mascarene group.]

[*Lemur*] *dubius* F. Cuvier, Hist. Nat. des Mamm., 1834. Anjouan Id., Mascarene group.

*Prosimia micromongoz* Lesson, Spec. Mamm. Bimanes et Quadrumanes, p. 226, 1840. Based on E. Geoffroy's description of *Lemur mongoz*.

*Prosimia bugi* Lesson, Spec. Mamm. Bimanes et Quadrumanes, p. 227, 1840. Based on Petivier, Gazophylacii Naturæ et Artis, dec. 1, p. 4, pl. 17, f. 5, 1767.

*Prosimia brissonii* Lesson, Spec. Mamm. Bimanes et Quadrumanes, p. 230, 1840. Based on Brisson's *Prosimia pedibus albis* (Règne Animale, ed. 2, p. 156, 1762).

*Prosimia ocularis* Lesson, Spec. Mamm. Bimanes et Quadrumanes, p. 231, 1840. Madagascar, no locality.

*Lemur cuvieri* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 62: sect. 1, p. 646, 1870. Anjouan or Johanna Id., Comoro Ids., Mascarene group.

*Propithecus brissonianus* Gray, Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 75, 1870. Emendation of *Prosimia brissonii* Lesson.

Range: Anjouan and Moheli Islands and on the mainland of Madagascar along the south bank of Betsiboka River.

## LEMUR MONGOZ CORONATUS Gray

*Lemur coronatus* Gray, Ann. Mag. Nat. Hist. (1) 10: 257, Dec. 1842. [Bay of Mahajamba, northwest coast of] Madagascar, 15° 14' S.

*Lemur chrysampyx* Schuermans, Mém. Couronnés et des Savants Étrang. Acad. Roy. des Sci., Lettres et Beaux-Arts Belgique, Bruxelles, 4to, 22: 7th Mém. des Savants Étrang., p. 6, 1 pl., 1848. "Probablement Madagascar."

Range: Northern Madagascar from Bombétoka Bay on the east to Bay of Antongil on the west.

## LEMUR RUBRIVENTER I. Geoffroy

*Lemur rubriventer* I. Geoffroy, Comptes Rend. Acad. Sci. Paris, 31: 876, 1850. Madagascar, without exact locality.



*Lemur flaviventer* I. Geoffroy, Comptes Rend. Acad. Sci. Paris, 31: 876, 1850.  
Madagascar ("probably Tamatave," fide Schwarz).

*Lemur rufiventer* Gray, Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 74, 1870. Lapsus calami for *Lemur rubriventer* I. Geoffroy.

*Prosimia rufipes* Gray, Ann. Mag. Nat. Hist. (4) 7: 339, May 1871. Betsimisaraka country, "probably west of Tamatave" (Schwarz), Madagascar.

Range: Apparently "the greater part of Madagascar" (Schwarz, E., Proc. Zool. Soc. London, p. 417, 29 June 1931).

LEMUR VARIEGATUS Kerr. Ruffed Lemur

*Lemur macaco variegatus* Kerr, Linnaeus's Animal Kingdom, p. 86, 1792. Madagascar, without definite locality.

*Lemur ruber* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 159, 1812. Madagascar (based on Commerson's figure).

*M[aki] vari* Muirhead, Edinburgh Encyclopedia, 13: 405, 1819. Based on Le Maki vari of Desmarest (Nouv. Dictionnaire d'Hist. Nat., ed. 2, 18: 437, 1817).

*Prosimia erythromela* Lesson, Spec. Mamm. Bimanes et Quadrumanes, p. 236, 1840.

*Lemur varius* I. Geoffroy, Cat. Méthodique d. Mamm. Mus. d'Hist. Nat. Paris, Primates, p. 7, 1851.

Range: Forests of northeastern Madagascar south to the region of Tamatave, about 18° S.

As to the possibility that there are three local forms or races, see Schwarz, E., Proc. Zool. Soc. London, p. 418, 29 June 1931.

### LEPILEMUR I. Geoffroy

*Lepilemur* I. Geoffroy, Cat. Méthodique Mamm. Mus. d'Hist. Nat. Paris, Primates, pt. 1, p. 75, 1851. Genotype *Lepilemur mustelinus* I. Geoffroy.

*Galeocebus* Wagner, Schreber's Säugthiere, Suppl., 5: 147, 1855. Genotype *Lepilemur mustelinus* I. Geoffroy.

*Lepidilemur* Giebel, Säugthiere, p. 1018, 1859; emendation of *Lepilemur*.

*Mixocebus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 690, 1874.

Genotype *Mixocebus caniceps* Peters = *Lepilemur mustelinus* I. Geoffroy.

*Lepidolemur* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 690, footnote, 1874; emendation of *Lepilemur*.

LEPILEMUR MUSTELINUS I. Geoffroy

*Lepilemur mustelinus* I. Geoffroy, Cat. Méthodique Mamm. Mus. d'Hist. Nat. Paris, p. 71, 1851. Madagascar, without exact locality, but fixed as "at or near Tamatave" (see Schwarz, E., Proc. Zool. Soc. London, p. 420, 29 June 1931).

*Mixocebus caniceps* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 690, pl. 1 (col.), 2, 1874. Madagascar, probably on east coast between Tamatave and Masindrano.

*Lepidolemur microdon* Forsyth Major, in Forbes' Handbook to the Primates, 1: 88, 1896. Eastern Betsileo Province, Madagascar.

Range: Eastern and northeastern Madagascar from Vohémar south to Betsileo.

*LEPILEMUR RUFICAUDATUS* A. Grandidier

*Lepilemur ruficaudatus* A. Grandidier, Revue et Mag. de Zool., (2) 19: 256, July 1867. [Morondava], Madagascar.

*Lepilemur dorsalis* Gray, Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 135, 1870. [Northwestern] Madagascar.

*Lepilemur pallidicauda* Gray, Proc. Zool. Soc. London, for 1872, p. 850, Apl. 1873. [Morondava, west coast of] Madagascar.

*Lepidolemur leucopus* Forsyth Major, Ann. Mag. Nat. Hist. (6) 13: 211, Feb. 1894. Fort Dauphin, southeastern Madagascar.

*Lepidolemur edwardsi* Forsyth Major, in Forbes's Handbook to the Primates, 1: 87, 1896. Betsako, Bay of Bombétoka, northwest coast of Madagascar.

*Lepidolemur globiceps* Forsyth Major, in Forbes's Handbook to the Primates, 1: 89, 1896. Ambohisatra, 25 km. north of Tuléar, southwest coast of Madagascar.

*Lepidolemur grandidieri* Forsyth Major, in Forbes's Handbook to the Primates, 1: 89, 1896. Northwestern Madagascar.

*L[epidolemur] mustelinus rufescens* Lorenz, Abhandl. Senckenberg. Naturf. Ges., Frankfurt a. M., 21: 446, pl. 30; 31, f. 4, a, b, 1898. Ambundubé, north side of Bay of Bombétoka, northwestern Madagascar.

Range: Entire west coast of Madagascar, but not the central plateau.

## Family INDRIIDÆ

### AVAHI Jourdan. Woolly Lemur

*Avahi* Jourdan, L'Institut, Paris, 2: 231, 19 July 1834. Genotype *Lemur laniger* Gmelin, though not here given.

*Microrhynchus* Jourdan, Thèse Fac. Sci. Grenoble, 1834; not of Megerle, 1823, for Coleoptera.

*Avahis* I. Geoffroy in Gervais, Résumé Leçons Mamm., p. 23, 1835; emendation of *Avahi* Jourdan.

*Habrocebus* Wagner, Schreber's Säugthiere, Suppl., 1: v, 1839. Genotype by subsequent designation *Lemur lanatus* Schreber = *Lemur laniger* Gmelin.

*Semnocebus* Lesson, Species Mamm. Bimanes et Quadrumanes, p. 209, 1840. Genotype *Semnocebus avahi* Lesson = *Lemur laniger* Gmelin.

*Iropocus* Gloger, Gemein. Hand.- u. Hilfsbuch Naturgesch., 1: xxviii, 43, 1841. Genotype *Lemur laniger* Gmelin.

AVAHI LANIGER LANIGER (Gmelin). Woolly Lemur

*Lemur laniger* Gmelin, Linné's Syst. Nat., ed. 13, 1: 44, 1788. Madagascar.

*Lemur brunneus* Link, Beiträge z. Naturgesch., pt. 2, p. 165, 1795. Based on Sonnerat.

*Indris longicaudatus* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 158, 1812. Madagascar; based on Sonnerat.

*H[abrocebus] lanatus* Wagner, Schreber's Säugth., Suppl., 1: 258, pl. 42A, 1840. Madagascar; based on Sonnerat.

*Semnocebus avahi* Lesson, Species Mamm. Bimanes et Quadrumanes, p. 210, 1840; based on Sonnerat.

*A[vahis] laniger orientalis* Lorenz, Abhandl. Senckenberg. Naturf. Ges., Frankfurt a. M., 21: 452, 1898. East coast of Madagascar.

The eastern or typical race of A. Grandidier and Milne-Edwards, Hist. Nat. de Madagascar, Zool., Mamm., 1: 327, 1875.

Range: Forest region of northeastern, eastern and south-central Madagascar.

AVAHI LANIGER OCCIDENTALIS (Lorenz)

*Avahis laniger occidentalis* Lorenz, Abhandl. Senckenberg. Naturf. Ges., Frankfurt a. M., 21: 452, 1898. Based on the *Avahis laniger* variété septentrionale of A. Grandidier and Milne-Edwards. Northwestern Madagascar, Ambundubé.

Range: Northwest coast of Madagascar south to the Bay of Bombétoka.

### INDRI E. Geoffroy and G. Cuvier. The Indri

*Indri* E. Geoffroy and G. Cuvier, Mag. Encyclop., 1: 46, 1796, fide Palmer. Genotype by tautonymy *Lemur indri* Gmelin.

*Lichanotus* Illiger, Prodrum Syst. Mamm. et Avium, p. 72, 1811. Genotype *Lemur indri* Gmelin.

*Indris* G. Cuvier, Leçons d'Anat. Comp., 1: Tabl. Gén., 1805; emendation of *Indri*.

*Indrium* Rafinesque, Analyse de la Nature, p. 54, 1815. New name for *Indri* E. Geoffroy and G. Cuvier.

*Lichanotes* Temminck, Monographies de Mammalogie, 1: xvi, 1827. Genotype *Lemur indri* Gmelin; lapsus for *Lichanotus*.

*Pithelemur* Lesson, Species Mamm. Bimanes et Quadrumanes, pp. 207, 208, 1840. Genotype *Lemur indri* Gmelin.

INDRI INDRI (Gmelin). Indri

*Lemur indri* Gmelin, Linné's Syst. Nat., ed. 13, 1: 42, 1788. Madagascar, without exact locality.

*Indri brevicaudatus* E. Geoffroy and G. Cuvier, Mag. Encyclop., p. 46, 1796.

Based on Sonnerat's specimen (Voy. Ind. Or. Chine, 2: 142, pl. 88, 1782).

*Indris ater* I. Geoffroy, Dictionnaire Class. d'Hist. Nat., 8: 534, 1825. Lapsus cal. for *niger* Lacépède.

*Indris variegatus* Gray, Ann. Mag. Nat. Hist. (4) 10: 474, Dec. 1872. Probably Lalo River, east of Bay of Antongil, Madagascar (Schwarz).

Range: Northeastern Madagascar to Lake Alaotra on the central plateau.

### PROBITHECUS Bennett. The Sifakas

*Propithecus* Bennett, Proc., Comm. Sci. and Correspondence Zool. Soc. London, p. 20, 29 Mar. 1832. Genotype by monotypy *Propithecus diadema* Bennett.

*Macromerus* A. Smith, South African Quart. Journ., 2: pt. 2, p. 49, 1833. Genotype by monotypy *Macromerus typicus* A. Smith = *Propithecus diadema* Bennett.

#### PROBITHECUS DIADEMA DIADEMA Bennett

*Propithecus diadema* Bennett, Proc., Comm. Sci. and Correspondence Zool. Soc. London, p. 20, 1832. Madagascar, without exact locality.

*Macromerus typicus* A. Smith, South African Quart. Journ., 2: pt. 2, p. 49, 1833.

*Indris albus* Vinson, Comptes Rend. Acad. Sci. Paris, 55: 829, 1862. Alana-masoatrao, between Andevoranto and Tananarive, eastern Madagascar.

Range: Mountain forests of the coast range of eastern Madagascar from Bay of Antongil south to Masora River.

#### PROBITHECUS DIADEMA CANDIDUS A. Grandidier

*Propithecus candidus* A. Grandidier, Comptes Rend. Acad. Sci. Paris, 72: 231, 1871. Forests north of Bay of Antongil, (but according to Schwarz) Sahambavany, northeast coast of Madagascar.

*Propithecus sericeus* Milne-Edwards and A. Grandidier, Revue et Mag. de Zool. (2) 23: 274, Aug. 1872. Sambava, northeast coast of Madagascar. Renaming of *P. diadema candidus* A. Grandidier.

Range: Northeastern coast ranges of Madagascar, from Bemarivo (14° 16' 30" S.) southward to Bay of Antongil.

#### PROBITHECUS DIADEMA EDWARDSI A. Grandidier

*Propithecus edwardsi* A. Grandidier, Comptes Rend. Acad. Sci. Paris, 72: 232, 1871. Forests west of Mananzary, southeastern Madagascar.

*Propithecus bicolor* Gray, Ann. Mag. Nat. Hist. (4) 10: 206, Sep. 1872. Probably Masindrano, southeastern Madagascar (see Schwarz, E., Proc. Zool. Soc. London, p. 422, 29 June 1931).

Range: Coast range of southeast Madagascar, between the Masora and Matitana Rivers.

## PROPITHECUS DIADEMA HOLOMELAS Günther

*Propithecus holomelas* Günther, Ann. Mag. Nat. Hist. (4) 16: 125, Aug. 1875.

Fieneretora, probably Fianarantsoa, central Betsileo, Madagascar.

Range: The inland mountain range in southeastern Madagascar.

## PROPITHECUS VERREAUXI VERRAEUXI A. Grandidier

*Propithecus verreauxi* A. Grandidier, Revue et Mag. de Zool., (2) 19: 84, Mar.

1867. Tsifanihy, Antandroy Province, southern Madagascar (Schwarz).

Range: Southwestern Madagascar from Tsidsobon River southeast to the Ft. Dauphin region.

## PROPITHECUS VERRAEUXI COQUERELI (A. Grandidier)

*Cheirogalus coquereli* A. Grandidier, Revue et Mag. de Zool., (2) 19: 85, Mar.

1867. Morondova, west coast of Madagascar.

*Propithecus damoni* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., app., p. 137, 1870 (quoting Pollen). Madagascar.

*Propithecus perrieri* Lavauden, Comptes Rend. Acad. Sci. Paris, 193: 77, 1931.

Forest of Analamera, southeast of Diego Suarez, northern Madagascar.

Probably a melanistic individual of *P. v. coquereli*.

Range: Northwestern Madagascar from Antamba River south to River Betsiboka.

## PROPITHECUS VERRAEUXI CORONATUS Milne-Edwards

*P[ropithecus] coronatus* Milne-Edwards, Revue Scientifique, (2) 1=8: 224,

2 Sep. 1871. No locality; supposed to be Bœny Province, Bombétoka Bay, Madagascar.

*Propithecus damanus* Schlegel, ex Pollen, Mus. d'Hist. Nat. des Pays-Bas, 7: 293, 1876. South shore of Bay of Bombétoka, Madagascar.

Range: Between the Betsiboka and Mahavavy Rivers, northwestern Madagascar.

## PROPITHECUS VERRAEUXI DECKENII Peters

*Propithecus deckenii* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 421,

1870. Kanatsy, northwestern Madagascar.

Range: Northwestern Madagascar, between the Rivers Mahavavy and Mananbolo.

## PROPITHECUS VERRAEUXI MAJORI W. Rothschild

*Propithecus majori* W. Rothschild, Novitates Zool., 1: 666, pl. 14, 20 Sep. 1894.

Antinsoy country, south-central Madagascar.

Range: Known only from south-central Madagascar.

## Family DAUBENTONIIDÆ

## DAUBENTONIA E. Geoffroy. Aye-aye

- Daubentonia* E. Geoffroy, Décad. Philos. et Litt., p. 195, 1795. Genotype *Sciurus madagascariensis* Gmelin.
- Scolecophagus* E. Geoffroy, Décad. Philos. et Litt., p. 196, 1795; alternative name for *Daubentonia* E. Geoffroy. Not *Scolecophagus* Swainson, 1831 (Aves).
- Aye-aye* Lacépède, Tabl. Mamm., p. 6, 1799. Genotype *Sciurus madagascariensis* Gmelin.
- Cheyromys* E. Geoffroy, Cat. Mamm. Mus. d'Hist. Nat. Paris, p. 181, 1803; misprint for *Cheiromys* G. Cuvier.
- Chiromys* Illiger, Prodromus Syst. Mamm. et Avium, p. 75, 1811; emendation of *Cheiromys* G. Cuvier. Genotype *Sciurus madagascariensis* Gmelin.
- Psilodactylus* Oken, Lehrb. d. Naturgesch., pt. 3, zool., sect. 2, p. xi, 1164, 1816. Genotype *Lemur psilodactylus* Shaw = *Sciurus madagascariensis* Gmelin.
- Cheiromys* G. Cuvier, Règne Animal, ed. 1, 1: 207, 1817. Genotype *Sciurus madagascariensis* Gmelin.
- Myspithacus* Blainville, Ostéograph. des Vertébrés Recents et Foss., Mamm., 1: pt. 3, l'Aye-aye, p. 34, 1839. Genotype *Sciurus madagascariensis* Gmelin; alternative name for *Cheiromys* G. Cuvier.
- Myslemur* Blainville, Dictionnaire Univ. d'Hist. Nat., 8: 559, 1846. New name for *Myspithacus* Blainville, not G. Cuvier.

- DAUBENTONIA MADAGASCARIENSIS (Gmelin). The Aye-aye
- Sciurus madagascariensis* Gmelin, Linné's Syst. Nat., ed. 13, 1: 152, 1788. Western Madagascar, based on the Aye-aye of Sonnerat's Voyage.
- Lemur psilodactylus* Shaw, Gen. Zool., Mamm., 1: 109, 1800. Madagascar.
- Cheiromys madagascariensis* var. *laniger* G. Grandidier, Bull. Acad. Malgache, 1: 106, pl., 1930. Madagascar. Probably based on a specimen of *D. madagascariensis* (Gmelin) in molting pelage.
- Chiromys robustus* Lamberton, Mém. Acad. Malgache, 17: 40, pl. 10a, 1934. Tairave, 15 km. from Beroroha, south-central Madagascar. Subfossil(?); and probably same as *Daubentonia madagascariensis*.
- Range: Entire forested part of eastern and northwestern Madagascar.



## Suborder ANTHROPOIDEA. Monkeys, Apes

## Family CERCOPITHECIDÆ

## ALLENOPITHECUS Lang

*Allenopithecus* Lang, Amer. Mus. Novitates, no. 87, p. 1, 12 Sep. 1923. Genotype *Cercopithecus nigroviridis* Pocock.

## ALLENOPITHECUS NIGROVIRIDIS (Pocock)

*Cercopithecus nigroviridis* Pocock, Proc. Zool. Soc. London, p. 739, pl. 42, f. 5, 8 Oct. 1907. "Upper Congo."

*Lasiopyga nigriviridis* Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 2: 348, 1912 (= 15 June 1913).

*Allenopithecus nigroviridis* Lang, Amer. Mus. Novitates, no. 87, p. 4, text-f. 1-3 (skull and teeth), 12 Sep. 1923.

## CERCOCEBUS E. Geoffroy. Mangabeys

*Cercocebus* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 97, 1812. Genotype *Cercocebus fuliginosus* E. Geoffroy = *Simia atys* Audebert.

*Aethiops* Martin, Gen. Introduct. Nat. Hist. Mammiferous Anim., p. 506, 1841. Genotype not specified; based on "the three White-eyelid Monkeys" of Africa, hence = *Cercocebus*.

*Semnocebus* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 27, 1870; not of Lesson, 1840, for a genus of Lemurs. Genotype *Presbytis albigena* Gray.

*Lophocebus* Palmer, Science, n.s., 17: 873, 29 May 1903. To replace *Semnocebus* Gray, not Lesson; type *Presbytis albigena* Gray.

*Cercolophocebus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 341, July 1914. Subgenus of *Cercocebus*; type *Cercocebus aterrimus* Oudemans.

*Leptocebus* Trouessart, Cat. Mamm. Viv. Foss., pt. 1, p. 15, 1904. As a subgenus of *Cercocebus* to include *C. galeritus*, *agilis*, *congicus* and *albigena*; no type specified.

*Simia*, *Pithecus*, *Cercopithecus*, *Presbytis*, in part, of older authors.

Review: Schwarz, E. The species of the genus *Cercocebus*. Ann. Mag. Nat. Hist. (10) 1: 644-670, June 1928.

## CERCOCEBUS ALBIGENA ALBIGENA (Gray)

*Presbytis albigena* Gray, Proc. Zool. Soc. London, p. 77, Mamm., pl. 16, 12 Nov. 1850. West Africa; "assumed to be the Lower Congo and Gaboon" (Schwarz).



## CERCOCEBUS ALBIGENA JOHNSTONI (Lydekker)

*Semnocebus albigena johnstoni* Lydekker, Novitates Zool., 7: 594, 29 Dec. 1900.

"Near Lake Tanganyika," but probably from the Semliki or Ituri Forest (fide Lorenz).

*Cercocebus jamrachi* Pocock, Ann. Mag. Nat. Hist. (7) 18: 454, pl. 11, Dec. 1906. Molinga, Lake Mweru, Congo Belge.

*Cercocebus (Leptocebus) albigena ituricus* Matschie, Revue Zool. Africaine, 2: 208, 15 Feb. 1913. Between Beni and Irumu, Semliki-Ituri Forest, Congo Belge.

*Cercocebus albigena ugandæ* Matschie, Revue Zool. Africaine, 2: 210, 15 Feb. 1913. Chagwe, Uganda.

*C[ercocebus] albigena mawambicus* Lorenz, Ann. Naturh. Hofmus. Wien, 31: 233, 1917. Mawambi, Ituri River, Congo Belge.

## CERCOCEBUS ALBIGENA ZENKERI Schwarz

*Cercocebus albigena zenkeri* Schwarz, Sitzb. Ges. Naturf. Freunde, Berlin, p. 456, 1910. Bipindi, Lokundje River, Cameroons.

*Cercocebus (Leptocebus) albigena weynsi* Matschie, Revue Zool. Africaine, 2: 211, 15 Feb. 1913. Sanga, French Congo.

## CERCOCEBUS ATERRIMUS (Oudemans). Black Mangabey

*Cercopithecus aterrimus* Oudemans, Zool. Garten, 31: 267, Sep. 1890. Stanley Falls, Congo Belge.

*Cercocebus congicus* P. L. Selater, Proc. Zool. Soc. London, for 1899, p. 827, text-f., 1 Apl. 1900. Stanley Falls district, Congo Belge.

*Semnocebus albigena rothschildi* Lydekker, Novitates Zool., 7: 595, 29 Dec. 1900. No locality, but probably "the Congo."

*Cercocebus hamlyni* Pocock, Ann. Mag. Nat. Hist. (7) 18: 208, pl. 7, Sep. 1906. "Upper Congo."

*Cercolophocebus calognathus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 342, July 1914. Kindu, Lualaba River, Congo Belge.

Range: Whole of the forest area south of the Congo, but not north or east of it.

## CERCOCEBUS GALERITUS GALERITUS Peters

*Cercocebus galeritus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 830, pl. 1B, 3, 1879. Mitole, mouth of Tana and Osi Rivers, Kenya Colony.

## CERCOCEBUS GALERITUS AGILIS Milne-Edwards

*Cercocebus agilis* Milne-Edwards in Rivière, Revue Scientifique, (3) 12 =38: 15, 3 July 1886. French Congo; "Poste des Ouaddes" (junction of Ubangi and Congo) (fide Schwarz).

*Cercocebus hagenbecki* Lydekker, Novitates Zool., 7: 594, 29 Dec. 1900. Upper Congo River, Congo Belge.

*Cercocebus fumosus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 341, July 1914. Northwest of Beni, Senliki, Congo Belge.

*Cercocebus oberlaenderi* Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 52: 172, 1915; Ann. K. K. Naturh. Hofmus., Wien, 31: 230, pl. 15, f. 5, 6, 1917. Mawambi, Ituri Forest, Congo Belge.

*CERCOCEBUS GALERITUS CHRYSOGASTER* Lydekker

*Cercocebus chrysogaster* Lydekker, Novitates Zool., 7: 279, pl. 3, 20 Aug. 1900. Upper Congo.

Range: Southern and central Congo Basin (Schwarz).

*CERCOCEBUS TORQUATUS TORQUATUS* (Kerr)

*Simia (Cercopithecus) aethiops torquatus* Kerr, Linnæus's Animal Kingdom, p. 67, 1792. Based on Buffon's (Hist. Nat., 14: 244, pl. 33, 1770) "Le Mangabey à collier blanc," "l'Ethiopie," i.e., West Africa.

[*Cercocebus*] *aethiopicus* F. Cuvier, Hist. Nat. des Mamm., 2: pt. 35, pl. and text-leaf, Dec. 1821. West Africa, south of Cape Verde.

*Cercocebus collaris* Gray, List Spec. Mamm. Brit. Mus., p. 7, 13 May 1843. "Africa."

*Cercocebus crossii* Gray, ex Clark MS., List Spec. Mamm. Brit. Mus., p. 7, 13 May 1843. "Africa."

Range: Lower Niger to the Gaboon (Schwarz).

*CERCOCEBUS TORQUATUS ATYS* (Audebert)

*Simia atys* Audebert, Hist. Nat. des Singes et Makis, fam. 4, sect. 2, p. 13, pl. 8, 1797. "Indes Orientales" but the type is an albino, labelled "Afrique occidentale" in Paris Mus. (Schwarz).

*Cercocebus fuliginosus* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 97, 1812. No locality, but based on "Le Mangabey" of Buffon (Hist. Nat., 14: 119, pl. 32, 1770) as shown by Schwarz.

Range: French Guinea to Liberia.

*CERCOCEBUS TORQUATUS LUNULATUS* (Temminck)

*Cercopithecus lunulatus* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 37, 1853. Rio Boutry, Gold Coast.

### *CERCOPITHECUS* Linnæus. Guenons

*Cercopithecini* Linnæus, Syst. Nat., ed. 10, 1: 26, 1758. As a subgroup of *Simia*, containing 17 species; no type designated but fixed by Stiles and Orleman (Journ. Mammalogy, 7: 52, 15 Feb. 1926) as *Simia diana* Linnæus. These authors show that although used only in the plural, the name is a subgenus in the modern sense, so that they "see no reason for rejecting the subgeneric names given under *Simia*."

*Cercopithecus* Brünnich, *Zoologiæ Fundamenta*, pp. 34, 40, 1772. Genotype *Simia mona* Schreber, fide Palmer, 1904.

For a full discussion as to the use of this name instead of *Lasiopyga* for the African guenons, see Allen, J. A., *Bull. Amer. Mus. Nat. Hist.*, 47: 373-379, 6 Feb. 1925.

*Lasiopyga* Illiger, *Prodromus Syst. Mamm. et Avium*, p. 68, 1811. No type specified; included *Simia nemæa* Linnæus and *S. nictitans* Linnæus. Adopted by Elliot (Review of the Primates, *Monographs Amer. Mus. Nat. Hist.*, 2: 275, 1912 = 15 June 1913) in place of *Cercopithecus*; type by elimination, *Simia nictitans* Linnæus.

*Monichus* Oken, *Lehrbuch d. Naturgesch.*, pt. 3, zool., sect. 2, pp. xi, 1208, 1816. As a subgenus of *Cercopithecus*, to include three species; no type designated, but fixed as *Simia mona* Schreber by J. A. Allen (*Bull. Amer. Mus. Nat. Hist.*, 47: 350, 6 Feb. 1925) thus antedating the selection of *Simia diana* as type by Stiles and Orleman (*Journ. Mammalogy*, 7: 52, 15 Feb. 1926).

*Miopithecus* I. Geoffroy, *Compt. Rend. Acad. Sci. Paris*, 15: 720, 1037, 1842. Genotype *Simia talapoin* Schreber.

See Pocock, R. I., Notes on the Cercopithecine genera *Rhinostigma* and *Miopithecus* *Ann. Mag. Nat. Hist.* (9) 16: 264-268, text-ff. A, B, Aug. 1925.

*Cercocephalus* Temminck, *Esquisses Zool. sur la Côte de Guinée*, p. 31, 1853. Genotype *Cercocephalus cephus* Temminck = *Simia cephus* Linnæus; a lapsus calami for *Cercopithecus*.

*Callithrix* Reichenbach, *Vollständ. Naturgesch. d. Affen*, p. 105, 1862. As a subgenus of *Cercopithecus*; type by tautonymy, *Cercopithecus callithrix* I. Geoffroy = *Simia sabæa* Linnæus. Not *Callithrix* Erxleben, 1777.

*Petaurista* Reichenbach, *Vollständ. Naturgesch. d. Affen*, p. 105, 1862. As a subgenus of *Cercopithecus*; type *Simia petaurista* Schreber. Preoccupied by *Petaurista* Link, 1795, a rodent.

*Diademina* Reichenbach, *Vollständ. Naturgesch. d. Affen*, p. 107, 1862. As a subgenus of *Cercopithecus*; type not specified but fixed by Pocock (*Proc. Zool. Soc. London*, p. 678, 8 Oct. 1907) as *Simia leucampyx* Fischer = *Cercopithecus mitis* Wolf, thus rendering invalid the later designation of *Simia diana* Linnæus as type by Stiles and Orleman (*Journ. Mammalogy*, 7: 52, 15 Feb. 1926).

*Mona* Reichenbach, *Vollständ. Naturgesch. d. Affen*, p. 109, 1862. As a subgenus of *Cercopithecus*; type *Simia mona* Schreber.

*Chlorocebus* Gray, *Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus.*, pp. 5, 24, 1870 (in part). No type specified, but includes six species, of which Pocock (*Proc. Zool. Soc. London*, p. 678, 8 Oct. 1907) designated *Simia sabæa* Linnæus as genotype.

*Cynocebus* Gray, *Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus.*, p. 26, 1870. As a subgenus of *Chlorocebus*; type *Cercopithecus cynosurus* Geoffroy.

- Diana* Trouessart, Revue et Mag. de Zool., (3) 6: 124, 1878. As a subgenus of *Cercopithecus*; type *C. diana* (Linnæus). Preoccupied by *Diana* Risso, 1826, in Pisces.
- Rhinostictus* Trouessart, Cat. Mamm. Viv. Foss., new ed., pt. 1, p. 17, 1897. As a subgenus of *Cercopithecus* for the *nictitans* group to replace *Petaurista* Reichenbach, preoccupied; type *Simia petaurista* Schreber.
- Otopithecus* Trouessart, Cat. Mamm. Viv. Foss., new ed., pt. 1, p. 22, 1897. As a subgenus of *Cercopithecus*; no type specified, but fixed by Pocock (Proc. Zool. Soc. London, p. 678, 8 Oct. 1907) as *Cercopithecus pogonias* Bennett.
- Pogonocetus* Trouessart, Cat. Mamm. Viv. Foss., Suppl., pt. 1, p. 14, 1904. As a subgenus of *Cercopithecus* for the *Diana* and *Brazza* Guenons; no type specified; but fixed by Pocock (Proc. Zool. Soc. London, p. 678, 8 Oct. 1907) and by Stiles and Orleman (Journ. Mammalogy, 7: 52, 15 Feb. 1926) as *Simia diana* Linnæus.
- Allochrocebus* Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: p. xl; 2: 296, 1912 (=15 June 1913). As a subgenus of *Lasiopyga*; type *Cercopithecus lhoesti* Selater.
- Insignicebus* Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: p. xl; 2: 296, 1912 (=15 June 1913). As a subgenus of *Lasiopyga*; type *Cercopithecus albogularis* Sykes.
- Melanocebus* Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 2: 296, 1912 (=15 June 1913). As a subgenus of *Lasiopyga*; no type specified, but several members of the *mitis* and *nictitans* groups are included. A substitute for *Diademia* Reichenbach.
- Neocebus* Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: p. xl; 2: 296, 1912 (=15 June 1913). As a subgenus of *Lasiopyga*; type *Simia cephus* Linnæus.
- Rhinostigma* Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: xl; 2: 273, pl. 10, 1912 (=15 June 1913). Genotype *Cercopithecus hamlyni* Pocock. For commentary see Pocock, R. I., Notes on the Cercopithecine genera *Rhinostigma* and *Miopithecus*, Ann. Mag. Nat. Hist. (9) 16: 264-267, Aug. 1925. Elliot has confused the type skull of *Cercocebus hamlyni* Pocock (= *Cercocebus aterrimus*) with that of *Cercopithecus hamlyni* Pocock.

### *æthiops* group

Review: Schwarz, Ernst. Die Meerkatzen der *Cercopithecus æthiops*-Gruppe. Zeitschr. f. Säugetierkunde, 1: 28-47, 31 Aug. 1926.

### CERCOPITHECUS ÆTHIOPS ÆTHIOPS (Linnæus)

*Simia æthiops* Linnæus, Syst. Nat., ed. 10, 1: 28, 1758. Based on account in Hasselquist, Iter Palest., p. 190, 1757; Ethiopia, Upper Egypt, i.e., Senaar (see Schwarz, E., Zeitschr. f. Säugetierkunde, 1: 35, 31 Aug. 1926).

- Simia engythia* Hermann, *Observationes Zool.*, 1: 1, 1804. No locality. Placed as a synonym of *C. æthiops* by Schwarz, 1926.
- Cercopithecus griseo-viridis* Desmarest, *Encyclop. Méthodique, Mammalogie*, 1: 61, 1820. Based on "Le Grivet" of Cuvier (*Hist. Nat. des Mamm.*, pt. 7, pl. 39, 1819). "Afrique."
- Simia subviridis* F. Cuvier, *Dictionnaire des Sci. Nat.*, 20: 27, 1821. (Africa).
- Cercopithecus griseus* F. Cuvier, *Hist. Nat. des Mamm., Tabl. Gén. Méthodique*, p. 1, 1824. Based on "Le Grivet" of 1819.
- C[ercopithecus] cano-viridis* Gray, *List Spec. Mamm. Brit. Mus.*, p. 5, 13 May 1843. Wrongly attributed to Rüppell.
- C[ercopithecus] cinereo-viridis* Gray, *List Spec. Mamm. Brit. Mus.*, p. 5, 13 May 1843. Wrongly attributed to Temminck.
- Cercopithecus (Chlorocebus) toldti* Wettstein, *Anzeiger K. Akad. Wiss. Wien*, 53: 189, 1916; *Denkschr. K. Akad. Wiss. Wien, math.-nat. Kl.*, 94: 645, 1918. Jebel Riha, near Kadugli, Kordofan.
- Cercopithecus (Chlorocebus) cailliaudi* Wettstein, *Denkschr. K. Akad. Wiss. Wien, math.-nat. Kl.*, 94: 643, 1918. Blue Nile, Anglo-Egyptian Sudan.
- Lasiopyga (Cercopithecus) weidholzi* Lorenz, *Ann. Naturh. Mus., Wien*, 36: 1, pl. 1, Sep. 1922. Egypt.

CERCOPITHECUS ÆTHIOPS ARENARIUS (Heller)

- Lasiopyga pygerythra arenaria* Heller, *Smithsonian Misc. Coll.*, 61: no. 17, p. 11, 21 Oct. 1913. Merelle waterholes, Marsabit Road, Kenya Colony.

CERCOPITHECUS ÆTHIOPS CALLIDUS (Hollister)

- Lasiopyga pygerythra callida* Hollister, *Smithsonian Misc. Coll.*, 59: no. 3, p. 1, 2 Mar. 1912. South side of Lake Naivasha, Kenya Colony.

CERCOPITHECUS ÆTHIOPS CENTRALIS Neumann

- Cercopithecus centralis* Neumann, *Zool. Jahrb., Syst.*, 13: 533, 10 Oct. 1900. Bukoba, Lake Victoria, Tanganyika Territory.
- Cercopithecus tantalus budgetti* Pocock, *Proc. Zool. Soc. London*, p. 733, 8 Oct. 1907. Butiaba ("Bathyaba"), Lake Albert, Uganda.
- Cercopithecus tantalus griseistictus* Elliot, *Ann. Mag. Nat. Hist.* (8) 4: 259, Sep. 1909. Bambara, Uele River, Congo Belge.
- Cercopithecus (Chlorocebus) cynosurus itimbiriensis* Matschie and Dubois, *Revue Zool. Africaine*, 1: 435, 31 Mar. 1912. Itimbiri River, middle Congo, Congo Belge.
- Lasiopyga tantalus beniana* Lorenz, *Anzeiger K. Akad. Wiss. Wien*, 51: 358, 1914. Beni Semliki, Congo Belge.
- Lasiopyga tantalus graueri* Lorenz, *Anzeiger K. Akad. Wiss. Wien*, 51: 358, 1914. Northwestern Tanganyika Territory.

## CERCOPITHECUS ÆTHIOPS CLOETEI Roberts

*Cercopithecus æthiops cloetiei* Roberts, Ann. Transvaal Mus., 14: 223, pls. 3, 4, 5, figs. 15a, 15b, 15c, 28 July 1931. Mariepskop, Pilgrimsrest district, Transvaal.

## CERCOPITHECUS ÆTHIOPS CYNOSUROS (Scopoli)

*Simia cynosuroides* Scopoli, Deliciæ Faunæ et Flor. Insubricæ, 1: 44, pl. 19, 1786. No locality; but fixed as Banana, lower Congo, Congo Belge (see Schwarz, E., Zeitschr. f. Säugetierkunde, 1: 46, 31 Aug. 1926).

*Cercopithecus tephrops* Bennett, Proc. Zool. Soc. London, p. 109, 18 Nov. 1833. No locality.

*Cercopithecus silaceus* Elliot, Ann. Mag. Nat. Hist. (8) 4: 263, Sep. 1909. South bank of the Loangwa, Angoniland, northeastern Rhodesia.

*Cercopithecus (Chlorocebus) cynosurus weynsi* Matschie and Dubois, Revue Zool. Africaine, 1: 435, 31 Mar. 1912. Banana, mouth of Congo, Congo Belge.

*Cercopithecus (Chlorocebus) æthiops lukonzolwæ* Matschie, Revue Zool. Africaine, 1: 438, text-f. 2, 31 Mar. 1912. Lukonzolwa, Lake Mweru, Tanganyika Territory. Probable synonym of *C. æthiops cynosuroides*.

*Cercopithecus (Chlorocebus) cynosurus tholloni* Matschie, Revue Zool. Africaine, 1: 438, 31 Mar. 1912. Brazzaville, Stanley Pool, lower Congo, Congo Belge.

*Cercopithecus pygerythrus katangensis* Lönnberg, Revue Zool. Africaine, 7: 141, 1 Oct. 1919. Funda Biabo and Kinda, Katanga, Congo Belge. Probable synonym of *C. æthiops cynosuroides*.

## CERCOPITHECUS ÆTHIOPS EXCUBITOR Schwarz

*Chlorocebus voeltzkowi* Matschie, in Voeltzkow's Reise in Ostafrika, 1: no. 1, p. 47, 1923; a nomen nudum.

*Cercopithecus æthiops excubitor* Schwarz, Zeitschr. f. Säugetierkunde, 1: 43, 31 Aug. 1926. Manda Island, Witu Island, off coast of Tanganyika Territory.

## CERCOPITHECUS ÆTHIOPS HILGERTI Neumann

*Cercopithecus hilgerti* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 50, 1902. Gobebe River, Webi Shebeli, eastern Abyssinia.

*Cercopithecus ellenbecki* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 50, 1902. Suksuki and Maki Rivers, Lake Zwai, Abyssinia.

*Cercopithecus djamdjamensis* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 51, 1902. Bamboo forest near Abera, east of Lake Abaja, Abyssinia.

## CERCOPITHECUS ÆTHIOPS JOHNSTONI Pocock

[*Cercopithecus pygerythrus*] *johnstoni* Pocock, Proc. Zool. Soc. London, p. 738, 8 Oct. 1907. Moshi, Kilimanjaro district, Tanganyika Territory.



*Cercopithecus rubellus* Elliot, Ann. Mag. Nat. Hist. (8) 4: 260, Sep. 1909. Fort Hall, Kenya Colony.

*Cercopithecus centralis luteus* Elliot, Smithsonian Misc. Coll., 56: no. 7, p. 1, 11 June 1910. Wambugu, southwest of Mt. Kenya, Kenya Colony.

*Lasiopyga pygerythra tumbili* Heller, Smithsonian Misc. Coll., 61: no. 17, p. 10, 21 Oct. 1913. Ndi, Taita Hills, Kenya Colony.

*Lasiopyga pygerythra contigua* Hollister, Smithsonian Misc. Coll., 72: no. 2, p. 2, 22 Jan. 1920. Changamwe, inland from Mombasa, Kenya Colony.

CERCOPITHECUS ÆTHIOPS MARJORÆ Bradfield

*Cercopithecus* (sic) *æthiops marjoriæ* Bradfield, in a privately printed leaflet, dated Benoni, South Africa, 26 Sep. 1935; reprinted in *The Auk*, 53: 131, Jan. 1936. Zoetvlei, near Kuruman, Bechuanaland.

CERCOPITHECUS ÆTHIOPS MARRENSIS Thomas and Hinton

*Cercopithecus tantalus marrensis* Thomas and Hinton, Proc. Zool. Soc. London, p. 248, 6 July 1923. Foothills of Jebel Marra, central Darfur, Anglo-Egyptian Sudan.

CERCOPITHECUS ÆTHIOPS MATSCHIEI Neumann

*Cercopithecus matschiei* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 51, 1902. Malo, Omo River, southern Abyssinia.

*Cercopithecus æthiops matschiei* Schwarz, Zeitschr. f. Säugetierkunde, 1: 38, 31 Aug. 1926.

CERCOPITHECUS ÆTHIOPS NESIOTES Schwarz

*Chlorocebus pembæ* Matschie in Voeltzkow, Reise in Ostafrika, 1: no. 1, p. 184, 1923; a nomen nudum. Pemba Island.

*Cercopithecus æthiops nesiotes* Schwarz, Zeitschr. f. Säugetierkunde, 1: 42, 31 Aug. 1926. Chake Chake, Pemba Island, off coast of Tanganyika Territory.

CERCOPITHECUS ÆTHIOPS NGAMIENSIS Roberts

*Cercopithecus æthiops ngamiensis* Roberts, Ann. Transvaal Mus., 15: 19, 1 Oct. 1932. Toten-Maun road, Ngamiland, Bechuanaland.

CERCOPITHECUS ÆTHIOPS PYGERYTHRUS (F. Cuvier)

*Cercopithecus glaucus* Lichtenstein, Reisen in Sudlich. Afrika, 1: 645, 1811; nomen nudum.

[*Simia*] *pygerythra* F. Cuvier, Hist. Nat. des Mammifères, pt. 24, pl. [139] and text, p. 2, Jan. 1821. "Africa."

*Cercopithecus pygerithræus* Desmarest, Encyclopédie Méthodique, Mammalogie, 2: 534, 1822; errorim.

*Cercopithecus pusillus* Desmoulin, Dictionnaire Classique d'Hist. Nat., 7: 568, 1825. Keiskama, near Great Fish River, Caffraria = Natal.



*S[im]ia erythropyga* G. Cuvier, Règne Anim., ed. 2, 1: 92, 1829. New name for *pygerythrus*.

*Cercopithecus lalandii* I. Geoffroy, Arch. Mus. d' Hist. Nat. Paris, (1) 2: 561, 1841. New name for *pusillus*.

CERCOPITHECUS ÆTHIOPS RUFOVIRIDIS I. Geoffroy

*Cercopithecus rufo-viridis* I. Geoffroy, Comptes Rend. Acad. Sci. Paris, 15: 1038, 1842; Arch. Mus. d' Hist. Nat. Paris, (1) 2: 564, 1841. Africa.

*Cercopithecus flavidus* Peters, Reise nach Mossambique, Säuegeth., p. 3, pl. 1B, 1852. Quitangonha, Mozambique, 15° S.

*Cercopithecus circumcinctus* Reichenbach, Vollständ. Naturgesch. d. Affen, p. 123, pl. 21, f. 310, 1862. "W. Afrika" probably a synonym of this race.

*Cercopithecus rufoniger* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 26, 1870. Lapsus for *rufoviridis* I. Geoffroy, to whose plate 32 (Arch. Mus. d' Hist. Nat. Paris, (1) 2: pl. 32, 1841) his page reference evidently refers.

*Cercopithecus pygerythrus whytei* Pocock, Proc. Zool. Soc. London, p. 738, 8 Oct. 1907. Mt. Chiradgula, Nyasaland.

*Cercopithecus pygerythrus helvensis* Thomas, Proc. Zool. Soc. London, p. 286, 29 Apl. 1926. Cunene Falls, Southwest Africa. Probably synonym of *C. æthiops rufoviridis*.

CERCOPITHECUS ÆTHIOPS SABÆUS (Linnæus)

*Simia sabæa* Linnæus, Syst. Nat., ed. 12, 1: 38, 1766. Based on Edwards' St. Jago, Cape Verde Islands, monkey; doubtless from Senegal (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 352, 6 Feb. 1925).

*Cercopithecus werneri* I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 31: 874, 1850. No locality — Africa.

*Cercopithecus callitrichus* I. Geoffroy, Cat. Méthodique d. Mamm. Mus. d'Hist. Nat. Paris, p. 23, 1851 (ex Cuvier).

CERCOPITHECUS ÆTHIOPS TANTALUS Ogilby

*Cercopithecus tantalus* Ogilby, Proc. Zool. Soc. London, p. 33, Oct. 1841. No locality.

*Cercopithecus chrysurus* Blyth, Ann. Mag. Nat. Hist. (1) 15: 461, July 1845. No locality.

*Cercopithecus passargei* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 74, 1897. Yola, Benue River, northern Nigeria.

*Cercopithecus pousarguei* Mitchell, Proc. Zool. Soc. London, 1: 1, 1 June 1905; error for *passargei*.

*Cercopithecus tantalus alexandri* Pocock, Proc. Zool. Soc. London, p. 545, 19 Oct. 1909. Lake Chad.

*Cercopithecus viridis* Schultze, Das Sultanat Bornu, p. 62, 1910. Bornu, Nigeria. A nomen nudum, according to Schwarz.

*cephus* group

## CERCOPITHECUS CEPHUS CEPHUS (Linnæus)

*Simia cephus* Linnæus, Syst. Nat., ed. 10, 1: 27, 1758. "America" = West Africa.

*Cercopithecus buccalis* Leconte, Proc. Acad. Nat. Sci. Philadelphia, p. 10, Feb. 1857. Gaboon.

[*Cercopithecus cephus*] *cephodes* Pocock, Proc. Zool. Soc. London, p. 724, 8 Oct. 1907. Gaboon.

*Cercopithecus inobservatus* Elliot, Ann. Mag. Nat. Hist. (8) 5: 81, Jan. 1910. "West Africa," exact locality unknown. See Schwarz, E., Ann. Mag. Nat. Hist. (9) 19: 153, Jan. 1927.

*Cercopithecus pulcher* Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 52: 171, 1915. Cameroons.

## CERCOPITHECUS CEPHUS ERYTHROTIS Waterhouse

*Cercopithecus erythrotis* Waterhouse, Proc. Zool. Soc. London, p. 59, July 1838. Island of Fernando Po, West Africa.

*Cercopithecus sclateri* Pocock, Abstract Proc. Zool. Soc. London, no. 5, p. 18, 22 Mar. 1904; Proc. Zool. Soc. London, 1: 433, text-f. 87, 2 Aug. 1904. Benin, Nigeria.

*diana* group

## CERCOPITHECUS DIANA DIANA (Linnæus)

*Simia diana* Linnæus, Syst. Nat., ed. 10, 1: 26, 1758. "Guinea" i.e., Liberia (see Jentink, Notes Leyden Mus., 20: 233, 1898).

*Simia faunus* Linnæus, Syst. Nat., ed. 12, 1: 36, 1766. No locality.

*Cercopithecus diana* var. *ignita* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 22, 1870. "West Africa."

## CERCOPITHECUS DIANA ROLOWAY (Schreber)

*Simia roloway* Schreber, Säugthiere, 1: 109, 186 (Latin name), pl. 25, 1774. Guinea.

C[*ercopithecus*] *palatinus* Wagner, Schreber's Säugthiere, Suppl., 5: 47, 1855. Guinea.

## CERCOPITHECUS DRYAS Schwarz

*Cercopithecus dryas* Schwarz, Revue Zool. et Bot. Africaines, 21: 251, 15 Mar. 1932. Lomela, on Lomela River, Sankuru district, Congo Belge.

*l'hoesti* group

## CERCOPITHECUS HAMLYNI Pocock

*Cercopithecus hamlyni* Pocock, Ann. Mag. Nat. Hist. (7) 20: 521, Dec. 1907; Proc. Zool. Soc. London, p. 160, pl. 10, f. 3 (colored), 17 Sep. 1908. Ituri Forest, Congo Belge.

- Cercopithecus leucampyx aurora* Thomas and Wroughton, Trans. Zool. Soc. London, 19: 485, Mar. 1910. South end of Lake Kivu, Congo Belge.
- Rhinostigma hamlyni* Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 2: 273, pl. 10, 30, 1912 (= 15 June 1913).

**CERCOPITHECUS L'HOESTI L'HOESTI** P. L. Slater

- Cercopithecus l'hoesti* P. L. Slater, Proc. Zool. Soc. London, for 1898, p. 586, pl. 48, 1 Apl. 1899. Congo.
- Cercopithecus thomasi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 262, 1905. East shore, Lake Kivu, Congo Belge.
- Cercopithecus thomasi rutschuricus* Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 52: 172, 1915. Mountains bounding east side of Rutshuru plains, eastern Congo Belge.

**CERCOPITHECUS L'HOESTI PREUSSI** Matschie

- Cercopithecus preussi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 76, 1898. Victoria and Cameroon Mt., Cameroons.
- Cercopithecus crossi* Forbes, Nature (London), 72: 630, 26 Oct. 1905. Cameroons.
- Cercopithecus preussi insularis* Thomas, Ann. Mag. Nat. Hist. (8) 5: 191, Feb. 1910. Northern Bantabiri, Island of Fernando Po, West Africa ("the differences described for the Fernando Po race appear to be only individual" fide Schwarz, E., Ann. Mag. Nat. Hist. (10) 1: 658, June 1928).

*C. mitis* group; *C. leucampyx* group of Schwarz (1928); subgenera  
*Melanocebus* and *Insignicebus* of Elliot

**CERCOPITHECUS MITIS MITIS** Wolf

- Cercopithecus mitis* Wolf, Abbildungen u. Beschreibungen merkwürdiger naturgesch. Gegenstände, 2: 145, pl. 34, 1822 (Nürnberg). Identified as the Angola form of Diademed Monkey by Schwarz; based on a menagerie animal.

See Schwarz, E., *Cercopithecus mitis* Wolf für *Simia leucampyx* Fischer. Zeitschr. f. Säugetierkunde, 8: 279, 20 Dec. 1933.

- Simia leucampyx* J. B. Fischer, Synopsis Mamm., p. 20, 1829. "In Guinea", but "perhaps, after all, Angola" (see Schwarz, E., Ann. Mag. Nat. Hist. (10) 1: 653, June 1928).

- Cercopithecus diadematus* I. Geoffroy, Bélanger's Voyage aux Indes-Orientales, Zool., p. 51, 1834. West Coast of Africa.

- Cercopithecus dilophos* Ogilby, Library of Entertaining Knowledge, The Menageries, Nat. Hist. Monkeys, Opossums and Lemurs, 1: 343, 1838, based on Cuvier's description of the Diana Monkey. Temminck, Esquisses Zool. sur la Côte de Guinée, p. 36, 1853. No locality.

- Cercopithecus pluto* Gray, Proc. Zool. Soc. London, p. 56, text-f., pl. 3, 2 Dec. 1848. Angola.

[*Cercopithecus stuhlmanni*] *nigrigenis* Pocock, Proc. Zool. Soc. London, p. 692, pl. 39, f. 1, 9 Oct. 1907. West Africa.

CERCOPITHECUS MITIS ALBOGULARIS (Sykes)

*Semn[opithecus] ?albogularis* Sykes, Proc. Committee of Sci. and Correspondence Zool. Soc. London, pt. 1, p. 106, 5 Aug. 1831. Type locality fixed as Zanzibar (Schwarz, E., Ann. Mag. Nat. Hist. (9) 19: 152, Jan. 1927).

*Semnopithecus albigularis* Lesson, Spec. Mamm., p. 64, 1840.

CERCOPITHECUS MITIS ALBOTORQUATUS Pousargues

*Cercopithecus albоторquatus* Pousargues, Bull. Mus. d'Hist. Nat., Paris, 2: 55, 1896. No locality.

*Cercopithecus rufotinctus* Pocock, Proc. Zool. Soc. London, p. 706, 9 Oct. 1907. ?Mombasa, Kenya Colony; but see Ann. Mag. Nat. Hist. (9) 19: 153, Jan. 1927, where it is said to be the form of the Juba River forests.

*Cercopithecus (Insignicebus) albogularis zammaranoi* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 62: 248, Feb. 1924. Bidi Scionde, lower Juba, Italian Somaliland.

CERCOPITHECUS MITIS BOUTOURLINII Giglioli

*Cercopithecus boutourlinii* Giglioli, Zool. Anzeiger, 10: 510, 26 Sep. 1887. Kaffa, Abyssinia.

*Cercopithecus omensis* Thomas, Proc. Zool. Soc. London, for 1900, p. 801, 1 Apl. 1901. Mursu, Omo River, 40 miles north of Lake Rudolf.

CERCOPITHECUS MITIS DOGETTI Pocock

[*Cercopithecus stuhlmanni*] *doggetti* Pocock, Proc. Zool. Soc. London, p. 691, 9 Oct. 1907. Southwestern Ankole, between Lakes Victoria and Albert Edward, Uganda.

*Lasiopyga leucampyx sibatoi* Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 50: 439, 1913. Mountain forest, northwest of Lake Tanganyika, Congo Belge, 2000 meters.

CERCOPITHECUS MITIS ERYTHRARCHUS Peters

*Cercopithecus erythrarchus* Peters, Reise nach Mossambique, Säugeth., p. 1, pl. 1, 1852. Inhambane, south of the Zambesi, Mozambique (see also Schwarz, E., Ann. Mag. Nat. Hist. (9) 19: 151, Jan. 1927).

*Cercopithecus stairsi* P. L. Sclater, Proc. Zool. Soc. London, p. 580, pl. 40, 1892. Delta of the Zambesi, Mozambique.

*Cercopithecus albogularis beirensis* Pocock, Proc. Zool. Soc. London, p. 701, 9 Oct. 1907. Beira, Mozambique.

[*Cercopithecus stairsi*] *mossambicus* Pocock, Proc. Zool. Soc. London, p. 705, 9 Oct. 1907. Mozambique.

## CERCOPITHECUS MITIS KANDTI Matschie

*Cercopithecus kandti* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 264, 1905. Volcanoes north of Lake Kivu, between Lakes Tanganyika and Albert Edward, Congo Belge.

*Cercopithecus insignis* Elliot, Ann. Mag. Nat. Hist. (8) 4: 274, Sep. 1909. Congo Forest, West Africa.

## CERCOPITHECUS MITIS KIBONOTENSIS Lönnberg. Blue Monkey

*Cercopithecus albogularis kibonotensis* Lönnberg, Wiss. Ergebn. d. Schwed. Zool. Exped. Kilimandjaro 1905-6 u. Leitung v. Sjöstedt, Upsala, 2: Mamm., p. 5, 1908. Kibonoto, near Mt. Kilimanjaro, Tanganyika Territory.

*Lasiopyga albogularis maritima* Heller, Smithsonian Misc. Coll., 61: no. 17, p. 8, 21 Oct. 1913. Mazeras, Kenya Colony.

*Lasiopyga albogularis kima* Heller, Smithsonian Misc. Coll., 61: no. 17, p. 9, 21 Oct. 1913. Mt. Mbololo, Taita district, Kenya Colony.

## CERCOPITHECUS MITIS KOLBI Neumann

*Cercopithecus kolbi* Neumann, Proc. Zool. Soc. London, 2: 144, Oct. 1902. Kedong escarpment, east side of Mt. Kenya, Kenya Colony.

*Cercopithecus kolbi hindei* Pocock, Proc. Zool. Soc. London, p. 703, pl. 39, f. 3, 9 Oct. 1907. Tutha, Kenya district, Kenya Colony, 8000 feet.

*Cercopithecus kolbi nubilus* Dollman, Ann. Mag. Nat. Hist. (8) 5: 202, Feb. 1910. Nairobi Forest, Kenya Colony.

## CERCOPITHECUS MITIS LABIATUS I. Geoffroy

*Cercopithecus labiatus* I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 15: 1038, 1842; Arch. Mus. d'Hist. Nat. Paris, (1) 2: 555, 1841. [South] Africa.

*Cercopithecus samango* Wahlberg in Sundevall, Öfvers. Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, for 1844, 1: 160, 1845. Inland of Port Natal, Natal.

*Cercopithecus chimango* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 32, 1853; emendation of *samango* Wahlberg.

## CERCOPITHECUS MITIS MÆSI Lönnberg

*Cercopithecus leucampyx mæsi* Lönnberg, Revue Zool. Africaine, 7: 133, 1 Oct. 1919. Kutu, Lake Léopold II district, Congo Belge.

## CERCOPITHECUS MITIS MOLONEYI P. L. Selater

*Cercopithecus moloneyi* P. L. Selater, Proc. Zool. Soc. London, p. 252, pl. 17, Aug. 1893. Karonga, north end of Lake Nyasa, Mozambique.

*Cercopithecus francesca* Thomas, Ann. Mag. Nat. Hist. (7) 10: 243, Sep. 1902. Near Mt. Waller, west side of Lake Nyasa, Nyasaland.

## CERCOPITHECUS MITIS MONOIDES I. Geoffroy

*Cercopithecus monoides* I. Geoffroy, Arch. Mus. d'Hist. Nat. Paris, (1) 2: 558, pl. 31, 1841. Lectotype, Rufiji River, 8° S., Tanganyika Territory (Schwarz, E., Ann. Mag. Nat. Hist. (10) 1: 656, June 1928).

[*Cercopithecus albugularis*] *rufilatus* Pocock, Proc. Zool. Soc. London, p. 702, 9 Oct. 1907. Rufiji River (south of Zanzibar), Tanganyika Territory.

## CERCOPITHECUS MITIS NEUMANNI Matschie

*Cercopithecus neumanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 266, 1905. Kwa Kitoto, northern Kavirondo, Tanganyika Territory.

*Lasiopyga leucampax* (sic) *mauxæ* Heller, Smithsonian Misc. Coll., 61: no. 17, p. 7, 21 Oct. 1913. Summit of Mau escarpment, between Londiani and Sirgoit, Kenya Colony.

## CERCOPITHECUS MITIS NYASÆ Schwarz

*Cercopithecus leucampyx nyasæ* Schwarz, Ann. Mag. Nat. Hist. (10) 1: 656, footnote, June 1928. Fort Lister, Mlanje, southern Nyasaland, 3500 ft.

## CERCOPITHECUS MITIS OPISTHOSTICTUS P. L. Sclater

*Cercopithecus opisthostictus* P. L. Sclater, Proc. Zool. Soc. London, for 1893, p. 725, Apl. 1894. Lake Mweru, Northern Rhodesia.

## CERCOPITHECUS MITIS PHYLAX Schwarz

*Cercopithecus leucampyx phylax* Schwarz, Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 32, 1927. Patta Island, Witu group, off coast of Kenya Colony.

## CERCOPITHECUS MITIS SCHOUTEDENI Schwarz

*Cercopithecus leucampyx schoutedeni* Schwarz, Revue Zool. et Bot. Africaines, 16: 126, 15 Sep. 1928. Kwidjwi Island in Lake Kivu, Congo Belge.

## CERCOPITHECUS MITIS STUHLMANNI Matschie

*Cercopithecus stuhlmanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 225, 1893. North of Kinyawanga, northwest of Lake Albert, Congo Belge.

*Cercopithecus otoleucus* P. L. Sclater, Proc. Zool. Soc. London, 1: 237, pl. 25, 1 Aug. 1902. Latuka Mts., northern Uganda.

[*Cercopithecus stuhlmanni*] *carruthersi* Pocock, Proc. Zool. Soc. London, p. 691, 9 Oct. 1907. Ruwenzori East, Uganda, 10,000 feet.

*Cercopithecus princeps* Elliot, Ann. Mag. Nat. Hist. (8) 4: 304, Sep. 1909. Fort Portal, Mpanga Forest, Toro, Uganda.

*Cercopithecus* (*Mona*) *leucampyx schubotzi* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 78, Dec. 1913. Mawambi, Ituri River, Congo Belge.

*Cercopithecus leucampyx elgonis* Lönnberg, Revue Zool. Africaine, 7: 133, 1 Oct. 1919. Mt. Elgon, Kenya Colony.



## CERCOPITHECUS MITIS SCHWARZI Roberts

*Cercopithecus leucampyx schwarzi* Roberts, Ann. Transvaal Mus., 14: 222, pls. 3, 4, 5, f. 14a, 14b, 14c, 28 July 1931. Mariepskop, Pilgrimsrest district, Transvaal.

*mona* group

## CERCOPITHECUS MONA MONA (Schreber). Mona Monkey

*Simia mona* Schreber, Säugthiere, 1: 97, 185 (Latin name), pl. 15, 1775. "Barbary."

*Simia monacha* Schreber, Säugthiere, 5: pl. 15B, 1804. Africa. Wagner, who completed the Suppl. vol. 1, credits this plate and name to Schreber, as a synonym of *Cercopithecus mona*, in Suppl. 1: 128, 1834.

*Cercopithecus mona*, var. *monella* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 22, 1870. Senegal.

## CERCOPITHECUS MONA CAMPBELL Waterhouse

*Cercopithecus campbelli* Waterhouse, Proc. Zool. Soc. London, p. 61, July 1838. Sierra Leone.

*Cercopithecus temminckii* Ogilby, Library of Entertaining Knowledge, The Menageries, Nat. Hist. Monkeys, Opossums, and Lemurs, 1: 345, 1838. No locality — coast of Guinea. Probably unidentifiable but may be *campbelli*.

*Cercopithecus burnettii* Gray, Ann. Mag. Nat. Hist. (1) 10: 256, Dec. 1842. Island of Fernando Po.

*Cercopithecus cambelli* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 33, 1853; errorim.

## CERCOPITHECUS MONA DENTI Thomas

*Cercopithecus denti* Thomas, Abstract Proc. Zool. Soc. London, no. 38, p. 1, 22 Jan. 1907; Proc. Zool. Soc. London, p. 2, pl. 1, 12 June 1907. Ituri Forest between Mawambi and Avakubi, Congo Belge.

*Cercopithecus (Otopithecus) denti liebrechtsi* Dubois and Matschie, Revue Zool. Africaine, 1: 439, text-f. 3, 31 Mar. 1912. Stanley Falls, Congo Belge.

## CERCOPITHECUS MONA ELEGANS Dubois and Matschie

*Cercopithecus (Otopithecus) elegans* Dubois and Matschie, Revue Zool. Africaine, 1: 440, text-f. 4, 31 Mar. 1912. Probably Lomani, Congo Belge.

## CERCOPITHECUS MONA GRAYI Fraser

*Cercopithecus grayi* Fraser, Cat. Knowsley Coll., p. 8, 1850.

*Cercopithecus erxlebenii* Dallbet and Pucheran, Revue et Mag. de Zool. (2) 8: 96, Feb. 1856. ?West Africa.

*Cercopithecus pogonias pallidus* Elliot, Ann. Mag. Nat. Hist. (8) 4: 261, Sep. 1909. Gaboon.



*Cercopithecus petronellæ* Büttikofer, Notes Leyden Mus., 34: 1, 1 Dec. 1911.  
"Upper Congo."

CERCOPITHECUS MONA LOWEI Thomas

*Cercopithecus campbelli lowei* Thomas, Ann. Mag. Nat. Hist. (9) 11: 608, May 1923. Bandama, Ivory Coast.

CERCOPITHECUS MONA NIGRIPES Du Chaillu

*Cercopithecus nigrripes* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 360, Nov. 1860. Gaboon, banks of the Ofoubour River, in the mountains.

CERCOPITHECUS MONA POGONIAS Bennett

*Cercopithecus pogonias* Bennett, Proc. Zool. Soc. London, p. 67, 20 Sep. 1833. Island of Fernando Po, West Africa.

CERCOPITHECUS MONA PYROGASTER Lönnberg

*Cercopithecus pyrogaster* Lönnberg, Revue Zool. Africaine, 7: 137, 1 Oct. 1919. Atene, Kwango, Congo Belge.

CERCOPITHECUS MONA WOLFI A. B. Meyer

*Cercopithecus wolfi* A. B. Meyer, Notes Leyden Mus., 13: 63, Jan. 1891. "Central West Africa."

### *neglectus* group

CERCOPITHECUS NEGLECTUS Schlegel

*Cercopithecus leucampyx* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 22, 1870, not *Simia leucampyx* J. B. Fischer, 1829. White Nile.

*Cercopithecus neglectus* Schlegel, Mus. du Pays-Bas, Simiæ, p. 70, 1876. Type obtained by Petherick on "White Nile."

*Cercopithecus brazzæ* A. Milne-Edwards, Revue Scientifique, (3) 12=38: 15, 3 July 1886; P. L. Sclater, Proc. Zool. Soc. London, pp. 225, 443, pl. 33 (col.), 1893. French Congo.

*C[ercopithecus] neglectus brazziformis* Pocock, Proc. Zool. Soc. London, p. 687, 9 Oct. 1907. Locality uncertain, said to be from "French Congo."

*Cercopithecus ezræ* Pocock, Abstract Proc. Zool. Soc. London, no. 54, p. 10, 10 Mar. 1908; Proc. Zool. Soc. London, p. 158, pl. 10, f. 2, 17 Sep. 1908. Locality unknown; "probably Upper Congo."

*Cercopithecus brazzæ uelensis* Lönnberg, Revue Zool. Africaine, 7: 130, 1 Oct. 1919. Poko, Uele district, Congo Belge.

*nictitans* group

CERCOPITHECUS NICTITANS NICTITANS (Linnæus). White-nosed Monkey

*Simia nictitans* Linnæus, Syst. Nat., ed. 12, 1: 40, 1766. Guinea.

[*Cercopithecus nictitans*] *laglaizei* Pocock, Proc. Zool. Soc. London, p. 698, 9 Oct. 1907. Gaboon.

*Cercopithecus sticticeps* Elliot, Ann. Mag. Nat. Hist. (8) 4: 263, Sep. 1909. N'dongo-leti, upper Ubangi River, Congo Belge.

CERCOPITHECUS NICTITANS ASCANIUS (Audebert)

*Simia ascanius* Audebert, Hist. Nat. des Singes et Makis, fam. 4, sect. 2, fig. 13, 1799. No locality.

*Cercopithecus melanogenys* Gray, Ann. Mag. Nat. Hist. (1) 16: 212, Sep. 1845. "Africa."

*Cercopithecus histrio* Reichenbach, Vollständ. Naturgesch. d. Affen, p. 106, ff. 256-259, 1863.

*Cercopithecus picturatus* Santos, Journ. Sci. Math., Phys. e Nat., Lisboa, (1) 11: 98, June 1886. West Africa.

*Cercopithecus (Rhinostictus) ascanius cirrhorhinus* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 70, Dec. 1913. Province of Stanley Falls, probably from the lower Lomani, Congo Belge.

*Cercopithecus (Rhinostictus) ascanius kassaicus* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 74, Dec. 1913. Pogge Falls, Kasai, Congo Belge.

*Cercopithecus (Rhinostictus) ascanius pelorhinus* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 76, Dec. 1913. Bought at Yambuya, Congo Belge.

CERCOPITHECUS NICTITANS BÜTTIKOFERI Jentink

*Cercopithecus büttikoferi* Jentink, Notes Leyden Mus., 8: 56, Jan. 1886. Liberia.

CERCOPITHECUS NICTITANS ERYTHROGASTER Gray

*Cercopithecus erythrogaster* Gray, Proc. Zool. Soc. London, p. 169, pl. 16 (col.), Sep. 1866. [?Lagos, Nigeria], West Africa.

CERCOPITHECUS NICTITANS KATANGÆ Lönnberg

*Cercopithecus ascanius katangæ* Lönnberg, Revue Zool. Africaine, 7: 122, 1 Oct. 1919. Kinda, Katanga, Congo Belge.

CERCOPITHECUS NICTITANS MARTINI Waterhouse

*Cercopithecus martini* Waterhouse, Proc. Zool. Soc. London, p. 58, July 1838. Island of Fernando Po, West Africa.

*Cercopithecus ludio* Gray, Proc. Zool. Soc. London, p. 8, Mamm., pl. 9, f. 1 (where name is misspelled *lupio*), 11 Dec. 1849. "Said to have been brought from the west Africa."

*Cercopithecus stampflii* Jentink, Notes Leyden Mus., 10: 10, Apl. 1888. Pessi Country, Liberia.

*Cercopithecus insolitus* Elliot, Ann. Mag. Nat. Hist. (8) 4: 258, Sep. 1909. Northern Nigeria.

CERCOPITHECUS NICTITANS MONTANUS Lorenz

*Cercopithecus schmidti montanus* Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 357, 2 July 1914. Wabembe, northwestern Lake Tanganyika, Congo Belge.

CERCOPITHECUS NICTITANS MPANGÆ Matschie

*Cercopithecus (Rhinostictus) schmidti mpangæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 67, Dec. 1913. Mpanga Forest, Uganda.

*Cercopithecus (Rhinostictus) schmidti enkamer* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 73, Dec. 1913. Chima Kilima, north of Mawambi, upper Ituri, Congo Belge.

*Lasiopyga schmidti ituriensis* Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 357, 2 July 1914. Ituri Forest, Congo Belge.

CERCOPITHECUS NICTITANS PETAURISTA (Schreber)

*Simia petaurista* Schreber, Säugthiere, 1: 103, 186 (Latin name), pl. 19B, 1774. "Guinea."

*Simia albinasus* Reichenbach, Vollständ. Naturgesch. d. Affen, 1863.

*Cercopithecus fantiensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, pp. 64, 98, 1893. Fanti, Rio Boutry, Gold Coast.

*Cercopithecus büttikoferi pygrius* Thomas, Ann. Mag. Nat. Hist. (9) 11: 607, May 1923. Bandama, Ivory Coast.

CERCOPITHECUS NICTITANS SCHMIDTI Matschie

*Cercopithecus schmidti* Matschie, Zool. Anzeiger, 15: 161, 2 May 1892. Man-yema, west of north end of Lake Tanganyika. (No type locality is designated, but this is given as the origin of Schmidt's specimen.)

*Lasiopyga ascanius kimosæ* Heller, Smithsonian Misc. Coll., 61: no. 17, p. 10, 21 Oct. 1913. Upper Lukosa River, near Kaimosi mission station, Kenya Colony.

*Cercopithecus (Rhinostictus) schmidti sassæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 72, Dec. 1913. Sassa, west of Lake Albert Edward, Congo Belge.

*Cercopithecus schmidti rutschuricus* Lorenz, Ann. K. K. Naturhist. Hofmus. Wien, 31: 228, pl. 15, f. 2, 1917. Mountains on east border of Rutschuru plains, Congo Belge.

*Cercopithecus ascanius orientalis* Lönnberg, Revue Zool. Africaine, 7: 125, 1 Oct. 1919. Camp Simba, Zuwani River, Kenya Colony.

**CERCOPITHECUS NICTITANS SIGNATUS** Jentink

*Cercopithecus signatus* Jentink, Notes Leyden Mus., 8: 55, Jan. 1886. West Africa, "perhaps from Banana," Congo.

**CERCOPITHECUS NICTITANS WHITESIDEI** Thomas

*Cercopithecus ascanius whitesidei* Thomas, Ann. Mag. Nat. Hist. (8) 4: 542, Dec. 1909. Nsoli, Ikau, upper Lulanga River, Congo Belge, about 1° N., 22° E.

*Cercopithecus (Rhinostictus) ascanius omissus* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 68, Dec. 1913. Locality unknown; brought by a caravan coming from Manyema, west of the north end of Lake Tanganyika, Congo Belge.

*talapoin group***CERCOPITHECUS TALAPOIN TALAPOIN** (Schreber)

*Simia talapoin* Schreber, Säugthiere, 1: 101, 186 (Latin name), pl. 17, 1774. No locality.

*S[imia] (Cercopithecus) niger* Kerr, Linnæus's Animal Kingdom, p. 71, 1792. No locality, but refers to Bosman's voyage, hence probably West Africa. Possibly a synonym of *Cercopithecus talapoin* (Schreber).

*Cercopithecus pileatus* I. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 110, 1812. No locality.

*Miopithecus capillatus* I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 15: 720, 1842. No locality; on a later page (1037) the author retracted this supposed species.

*Cercopithecus melarhinus* Schinz, Systemat. Verzeichn. Säugeth., 1: 47, 1844. "Africa."

**CERCOPITHECUS TALAPOIN ANSORGEI** Pocock

[*Cercopithecus talapoin*] *ansorgei* Pocock, Proc. Zool. Soc. London, p. 742, 9 Oct. 1907. Canhoca (not "Cambaca"), Angola.

**CERCOPITHECUS TALAPOIN PILETTEI** (Lönnberg)

*Miopithecus talapoin pilettei* Lönnberg, Revue Zool. Africaine, 7: 119, 1 Oct. 1919. Kabawaki, Ruwenzori, Congo Belge, 2500 m.

**ERYTHROCEBUS** Trouessart. Red Monkeys

*Erythrocebus* Trouessart, Cat. Mamm. Viv. Foss., new ed., pt. 1, p. 19, 1897.

As a subgenus of *Cercopithecus*; no type designated, but of the four species included, *Cercopithecus patas* (Schreber) is here made the type.

*Simia*, *Cercopithecus*, *Cercocebus*, *Chlorocebus*, in part, of older authors.

Review: Schwarz, Ernst. Die Formen der Gattung *Erythrocebus*. Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 24-31, 1927.

## ERYTHROCEBUS PATAS PATAS (Schreber)

*Simia patas* Schreber, Säugthiere, 1: 98, 185 (Latin name), pl. 16, 1774. Senegal.

*Simia rubra* Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 34, 1788. No locality; based on Buffon.

*Simia (Cercopithecus) ruber nigro-fasciatus* Kerr, Linnæus's Animal Kingdom, p. 71, 1792. Senegal, Congo.

*Simia (Cercopithecus) ruber albo-fasciatus* Kerr, Linnæus's Animal Kingdom, p. 71, 1792. Senegal, Congo.

*Simia rufa* Schreber, Säugthiere, Suppl., pl. 16B, 1804?.

*Cercopithecus circumcinctus* Reichenbach, Die Vögel. Naturgesch. d. Affen, p. 123, pl. 21, f. 310, 1863. ?West Africa.

*Cercopithecus patas sannio* Thomas, Ann. Mag. Nat. Hist. (7) 17: 173, 31 Jan. 1906 (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 29, 1927). Yo, Lake Chad.

*Cercopithecus kerstingi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, for 1905, p. 274, 2 Feb. 1906 (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 29, 1927). Sokode, Togo, Nigeria.

*Erythrocebus langheldi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, for 1905, p. 276, 2 Feb. 1906 (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 29, 1927). Garua, upper Benue River, Cameroons.

*Erythrocebus zechi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, for 1905, p. 274, 2 Feb. 1906 (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 29, 1927). Kete Kradji, western Togoland, Nigeria.

Range: Senegal to Lake Chad.

## ERYTHROCEBUS PATAS BAUMSTARKI Matschie.

*Erythrocebus baumstarki* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 273, 1905. Ikoma, southeast end of Lake Victoria, Tanganyika Territory.

Probably a recognizable race (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 28, 1927).

## ERYTHROCEBUS PATAS PYRRHONOTUS (Hemprich and Ehrenberg)

*Cercopithecus pyrrhonotus* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 1, pl. 10 and folio hh, kk, Aug. 1832. Darfur, Anglo-Egyptian Sudan.

*Cercopithecus poliophæus* Reichenbach, Vollständ. Naturgesch. d. Affen, p. 122, pl. 21, f. 309, 1863. Fazogli, Blue Nile, eastern border of Anglo-Egyptian Sudan.

*Cercopithecus poliophilus* Heuglin, Reise in Nordost-Afrika, 2: 6, 1877. Proposed as a substitute for *Cercopithecus poliophæus* Reichenbach. Fazogli, Blue Nile, eastern Anglo-Egyptian Sudan.

*Erythrocebus formosus* Elliot, Ann. Mag. Nat. Hist. (8) 4: 264, Sep. 1909. Uganda.

A synonym of *pyrrhonotus* Hemprich and Ehrenberg (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 29, 1927).

*Cercopithecus (Erythrocebus) patas albosignatus* Matschie, Revue Zool. Africaine, 1: 433, text-f. 1, 31 Mar. 1912. Mbomu River, Uele basin, Congo Belge.

*Erythrocebus albigenus* Elliot, Ann. Mag. Nat. Hist. (8) 4: 265, Sep. 1909. Egyptian Sudan.

A synonym of *E. patas pyrrhonotus* (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 30, 1927).

*Erythrocebus whitei* Hollister, Smithsonian Misc. Coll., 56: no. 2, p. 11, pl. 2, 31 Mar. 1910. Nzoia River, Guas Ngishu plateau, Kenya Colony.

A synonym of *E. patas pyrrhonotus* (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 30, 1927).

*Cercopithecus (Erythrocebus) patas poliomystax* Matschie, Revue Zool. Africaine, 1: 434, 31 Mar. 1912. Upper Congo.

Range: Sudan, south to northern Uganda and the Guas Ngishu plateau.

#### COMOPITHECUS J. A. Allen. Hamadryas Baboon

*Comopithecus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 312, 6 Feb. 1925.

Genotype *Simia hamadryas* Linnæus; to replace *Hamadryas* Lesson, preoccupied in insects.

*Hamadryas* Lesson, Spec. Mamm., p. 107, 1840. Genotype *Hamadryas chæropithecus* Lesson = *Simia hamadryas* Linnæus; preoccupied by *Hamadryas* Hübner, 1806, for a genus of insects.

*Simia*, *Cercopithecus*, *Cynocephalus*, *Papio*, in part, of older authors.

#### COMOPITHECUS BROCKMANI (Elliot)

*Papio brockmani* Elliot, Ann. Mag. Nat. Hist. (8) 4: 248, Sep. 1909. Dirre Dawa, Somaliland, 3500 feet.

Elliot insists that this is a species distinct from *Comopithecus hamadryas* (Linnæus).

#### COMOPITHECUS HAMADRYAS (Linnæus). Hamadryas

*Simia hamadryas* Linnæus, Syst. Nat., ed. 10, 1: 27, 1758. Egypt; based on Alps.

*Simia cynamolgos* Linnæus, Syst. Nat., ed. 10, 1: 28, 1758. Based on *Simia ægyptiaca* Linnæus, in Hasselquist, 1757, hence Upper Egypt.

*Cynocephalus wagleri* L. Agassiz, Oken's Isis, 21: 862, pl. 11, 1828. No locality; probably same as *Comopithecus hamadryas* (Linnæus).

*Hamadryas chæropithecus* Lesson, Spec. Mamm., p. 109, 1840. "L'Abyssinie, l'Arabie, et l'Egypte."

*Hamadryas ægyptiaca* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 34, 1870. New name for *Simia hamadryas* Linnæus and *Simia ægyptiaca* Hasselquist. Egypt, Arabia, Abyssinia.

Range: Eastern Ethiopia and eastern Sudan, mainly in the lowlands; to Arabia.



## MACACA Lacépède

*Simia* Linnæus, Syst. Nat., ed. 10, 1: 25, 1758. Genotype *Simia sylvanus* Linnæus.

On status of the generic name *Simia*, see Thomas, O., Proc. Zool. Soc. London, p. 125, 22 Mar. 1911; Stiles, C., Science, n. ser., 64: 138, 6 Aug. 1926; also Stiles, C. W., and Orleman, M. B., The nomenclature for Man, the Chimpanzee, the Orang-Utan and the Barbary Ape, Bull. Hygienic Lab., U. S. Pub. Health Service, Washington, no. 145, p. 1-60, 1927.

By suspension of rules, the names *Simia*, *Simia satyrus* and *Pithecus* are suppressed, see Opinion 114, of Internat. Comm. on Nomenclature, Smithsonian Misc. Coll., 73: no. 6, p. 25, 8 June 1929.

*Macaca* Lacépède, Tabl. Mamm., p. 4, 1799. Genotype *Simia inuus* Linnæus = *Simia sylvanus* Linnæus.

*Inuus* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 100, 1812. Genotype *Inuus ecaudatus* E. Geoffroy = *Simia sylvanus* Linnæus.

*Sylvanus* Oken, Lehrbuch d. Naturgesch., pt. 3: zool., sect. 2, p. 1223, 1816.

Genotype *Inuus ecaudatus* E. Geoffroy = *Simia sylvanus* Linnæus. Not *Sylvanus* Rafinesque, 1815, but synonymous with *Sylvanus* Virey, 1819, genotype *Simia sylvanus* Linnæus. Preoccupied by *Sylvanus* Latreille, 1807, in Coleoptera.

*Pithes* Burnett, Quart. Journ. Sci., Lit. and Art, 26: 307, 1828. Genotype *Pithes sylvanus* = *Simia sylvanus* Linnæus.

Perhaps a misprint for *Pithecus*.

*Pithecus* Gervais, Hist. Nat. des Mamm., 1: 94, 1854, in part.

*Inuus* Encyclop. Britannica, Mamm., ed. 8, 14: 141, 1857; misspelling of *Inuus*.

MACACA SYLVANUS (Linnæus). Barbary Ape

*Simia sylvanus* Linnæus, Syst. Nat., ed. 10, 1: 25, 1758. "In Africa, Ceylona" = Barbary Coast.

*Simia inuus* Linnæus, Syst. Nat., ed. 12, 1: 35, 1766. "Africa."

*Simia pithecus* Schreber, Säugthiere, 1: pl. 4B, 1799. From Buffon.

*Inuus ecaudatus* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 100, 1812.

Mediterranean coast of Africa, and Gibraltar.

*Inuus pithecus* Lesson, Spec. Mamm., p. 99, 1840.

*Pithecus pygmaeus* Reichenbach, Vollständ. Naturgesch. d. Affen, p. 145, 1863.

Range: Morocco and Algeria; introduced on the rock of Gibraltar.

See Joleaud, L. Le magot de Berberie. Bull. Soc. d'Acclimatation, Paris, 78: 153-155, 1931.



## MANDRILLUS Ritgen. Mandrills

*Mandrillus* Ritgen, *Naturl. Eintheilung d. Säugeth.*, p. 33, 1824, where the name is credited to Cuvier, who, however, used only the French form. Based on "Les Mandrills" of Cuvier, i.e., *Simia maimon* Linnæus and *Simia mormon* Alströmer, both synonyms of *Simia sphinx* Linnæus; hence genotype *Simia sphinx* Linnæus. See Allen, J. A., *Bull. Amer. Mus. Nat. Hist.*, 47: 311, 6 Feb. 1925.

*Mandrill* Voigt, Cuvier's *Thierreich*, 1: 88, 1831. As a subgenus of *Simia*; included two species, neither designated as type.

*Mormon* Wagner, Schreber's *Säugthiere*, Suppl., 1: 164, 1839. As a subgenus of *Cynocephalus*; type by tautonymy *Simia mormon* Alströmer = *Simia sphinx* Linnæus, 1758. Preoccupied by *Mormon* Illiger, 1811, in birds.

*Drill* Reichenbach, *Vollständ. Naturgesch. d. Affen*, p. 162, 1862. As a subgenus of *Mormon*; type by monotypy, *Simia leucophæa* F. Cuvier.

*Chæropithecus* Gray, *Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus.*, p. 35, 1870. Genotype *Simia leucophæa* F. Cuvier. Not *Chæropithecus* Blainville, 1839.

*Maimon* Trouessart, *Cat. Mamm. Viv. Foss.*, Suppl., pt. 1, p. 21, 1904. As a subgenus of *Papio*; type by tautonymy *Simia maimon* Linnæus = *Simia sphinx* Linnæus. Not *Maimon* Wagner, 1839, for a wholly different group.

## MANDRILLUS SPHINX (Linnæus). The Mandrill

*Simia sphinx* Linnæus, *Syst. Nat.*, ed. 10, 1: 25, 1758. "Borneo" = West Africa. *Simia maimon* Linnæus, *Syst. Nat.*, ed. 12, 1: 35, 1766. "Zeylona" = West Africa, based on an immature specimen of *Simia sphinx* Linnæus.

*Simia mormon* Alströmer, *Kongl. Svenska Vet.-Akad. Handl.*, Stockholm, p. 144, 1766.

*Simia madarogaster* Zimmermann, *Geographische Geschichte*, 2: 176, 1780. No locality. A synonym of *Simia maimon* Linnæus = *Mandrillus sphinx* (Linnæus), see Allen, J. A., *Bull. Amer. Mus. Nat. Hist.*, 16: 21, 1 Feb. 1902.

*Simia suilla* Kerr, Linnæus's *Animal Kingdom*, p. 59, 1792. Based on Pennant's figure; no locality.

*Papio planirostris* Elliot, *Ann. Mag. Nat. Hist.* (8) 4: 304, Sep. 1909. Fan, southern Cameroons. Possibly a synonym of *Mandrillus sphinx* (Linnæus).

*Mandrillus schreberi* Matschie, *Sitzb. Ges. Naturf. Freunde, Berlin*, p. 344, 25 Sep. 1917. New name for *Simia maimon* Schreber = *Simia sphinx* Linnæus.

## MANDRILLUS LEUCOPHÆUS (F. Cuvier). Drill

*S[imia] (Papio) cinerea* Kerr, Linnæus's *Animal Kingdom*, p. 62, 1792. Based on the Cinereous Baboon of Pennant; unidentifiable, but "strongly suggestive" of the later-described *Simia leucophæa* F. Cuvier (see Allen, J. A., *Bull. Amer. Mus. Nat. Hist.*, 7: 185, 1895). "Probably . . . Africa."

*Simia leucophaea* F. Cuvier, Ann. Mus. d' Hist. Nat. Paris, 9: 477, pl. 37, 1807.

No locality but "probablement des côtes d'Afrique."

*Cynocephalus drill* Lesson, Complements de Buffon, ed. 2, Paris, 1: 259, 1838.

New name for *Simia leucophaea* F. Cuvier.

*Papio mundamensis* Hilzheimer, Zool. Anzeiger, 30: 109, 17 Apl. 1906. Mukonje Farm, Mundame, Cameroons. A synonym of *Mandrillus leucophaeus* (F. Cuvier) according to Elliot, who examined the type.

Probably the following described forms are not entitled to recognition:

MANDRILLUS BURLACEI (W. Rothschild)

*Maimon burlacei* W. Rothschild, Ann. Mag. Nat. Hist. (9) 10: 232, Aug. 1922.

Bitye, Ja River, Cameroons. Status uncertain.

MANDRILLUS ESCHERICHII Matschie and Zukowsky

*Mandrillus escherichii* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 478, 25 Oct. 1917. Ekododo, on the Temboni, near southern border of Spanish Guinea.

MANDRILLUS HAGENBECKI Matschie and Zukowsky

*Mandrillus hagenbecki* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 488, 25 Oct. 1917. Probably coast region near Lagos, Nigeria.

MANDRILLUS POENSIS Zukowsky

*Mandrillus poensis* Zukowsky, Arch. f. Naturgesch., 88: sect. A, pt. 3, p. 184, 1 pl., June 1922. Island of Fernando Po, West Africa.

*Mandrillus insularis* Zukowsky, Arch. f. Naturgesch., for 1925, 91: sect. A, no. 5, p. 132, text-f., July 1926. Island of Fernando Po, West Africa. Presumably = *M. poensis* Zukowsky.

MANDRILLUS TESSMANNI Matschie and Zukowsky

*Mandrillus tessmanni* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 470, 25 Oct. 1917. Okak-land, on middle Benito, not far from Alen (Nkolentengan), Spanish Guinea.

MANDRILLUS ZENKERI Matschie and Zukowsky

*Mandrillus zenkeri* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 479, 25 Oct. 1917. Probably between Bipindi on the Lokundje, and Yaunde, Cameroons.

MANDRILLUS ZENKERI EBOLOWÆ Matschie and Zukowsky

[*Mandrillus zenkeri*] var. *ebolowæ*? Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 493, 25 Oct. 1917. Near Ebolowa, Cameroons.

## PAPIO Erxleben. Baboons

*Papio* Erxleben, Syst. Regni Animalis, p. 15, 1777. Genotype *Papio sphinx* Erxleben (not of Linnæus, q.e. *Cynocephalus papio* Desmarest, 1820). On the status of *Papio* "Brisson" (Haak) see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 306, footnote, 6 Feb. 1925.

*Cynocephalus* Cuvier and Geoffroy, Mag. Encyclop., 3: 462, 1795. Genotype *Simia cynocephalus* Linnæus. Preoccupied by *Cynocephalus* Boddært, 1768, in Insectivora.

*Chæropithecus* Gervais, Dictionnaire Pittoresque d'Hist. Nat., 8: 90, 1839. As a subgenus of *Simia*; type *Simia cynocephalus* Linnæus.

*Choiropithecus* Reichenbach, Vollständ. Naturgesch. d. Affen, p. 151, 1862. As a subgenus of *Cynocephalus*; type *Simia porcarius* Boddært. An emendation of *Chæropithecus* Gervais.

PAPIO COMATUS COMATUS E. Geoffroy. Chacma Baboon

*Simia porcarius* Boddært, Naturforscher, 22: 17, pl. 1, f. 1-2, 1787. Africa.

Not *Simia porcarius* Brünnich, Dyrenes Hist., 1: 13, pl. 1, 1782 = *Macaca nemestrina* (Linnæus); see Schwarz, E., Ann. Mag. Nat. Hist. (10) 14: 258, Aug. 1934. Probably *Simia porcarius* Zimmermann (Geogr. Geschich., 2: 197, 1780) is unidentifiable (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 16: 22, 1 Feb. 1902).

*Simia sphingiola* Hermann, Observationes Zool., 1: 2, 1804. The type locality, Sumatra, precludes this being an African species (see Schwarz, E., Ann. Mag. Nat. Hist. (10) 14: 258, Aug. 1934); but no locality is given in above citation.

*S[imia] (Cercopithecus) hamadryas ursinus* Kerr, Linnæus's Animal Kingdom, p. 39, 63, 1792. Based on Pennant, Hist. Quadrupeds, p. 179, no. 86, 1781; Cape of Good Hope.

*Papio comatus* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 103, 1812.

Cape of Good Hope. For the use of this name in place of *Papio porcarius* and on the synonymy see Schwarz, E., Ann. Mag. Nat. Hist. (10) 14: 258, Aug. 1934.

*C[ynocephalus] ursinus* Wagner, Schreber's Säugthiere, Suppl., 1: 162, pl. 8B, 1840; 5: 65, 1855. Cape of Good Hope.

*Papio porcarius orientalis* Goldblatt, South African Journ. Sci., 23: 782, pl. 16, f. 1a, 2a, 2c, Dec. 1926. Eastern South Africa.

*Papio porcarius occidentalis* Goldblatt, South African Journ. Sci., 23: 782, pl. 16, f. 1b, 2b, 2d, Dec. 1926. Western Transvaal and Cape of Good Hope.

*Choiropithecus porcarius transvaalensis* Zukowsky, Carl Hagenbeck's Illustrierte Tier- u. Menschenwelt (Hamburg), 2: pt. 3, p. 57, Sept. 1927. Northern Transvaal.

*Papio cynocephalus porcarius* Schwarz, Zeitschr. f. Säugetierkunde, 3: 212, 11 June 1928.

*Papio cynocephalus jubilæus* Schwarz, Zeitschr. f. Säugetierkunde, 3: 211, 11 June 1928. Missale, 14° S., 33° 10' E., northeastern Rhodesia.

PAPIO COMATUS CHOBIENSIS Roberts

*Papio porcarius chobiensis* Roberts, Ann. Transvaal Mus., 15: 18, 1 Oct. 1932. Kabulabula, Chobe River, Bechuanaland.

PAPIO COMATUS GRISEIPES Pocock

*Papio porcarius griseipes* Pocock, Abstract Proc. Zool. Soc. London, no. 93, p. 17, 28 Mar. 1911; Proc. Zool. Soc. London, p. 558, 15 Sep. 1911. Potchefstroom, Transvaal.

Although Shortridge (Mamm. South West Africa, 1: 9, 1934) regards this as a species distinct from *Papio comatus*, Schwarz (Ann. Mag. Nat. Hist. (10) 14: 258, Aug. 1934) believes it is a race of the Chacma, and thinks it probable that the type may have come from the northern Transvaal instead of from Potchefstroom.

*Papio porcarius nigripes* Roberts, Ann. Transvaal Mus., 15: 19, 1 Oct. 1932. Magalakuin River, northern Transvaal. Probably a synonym of *Papio comatus griseipes* Pocock.

PAPIO COMATUS NGAMIENSIS Roberts

*Papio porcarius ngamiensis* Roberts, Ann. Transvaal Mus., 15: 18, 1 Oct. 1932. Maun, Ngamiland, Bechuanaland.

PAPIO CYNOCEPHALUS CYNOCEPHALUS (Linnæus). Yellow Baboon

*Simia cynocephalus* Linnæus, Syst. Nat., ed. 12, 1: 38, 1766. "Africa," regarded by Anderson (Zool. of Egypt, Mamm., p. 64, 1902) as inland from Mombasa, Kenya Colony, a decision which "may well be accepted as final" (Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 315, 6 Feb. 1925).

*Papio sphinx* Erxleben, Syst. Regni Animalis, p. 15, 1777. Tropical Africa ("in calidissimis Africæ Indiaque"). Not *Simia sphinx* Linnæus, 1758, = *Mandrillus sphinx* (Linnæus).

*S[imia] (Papio) variegata* Kerr, Linnæus's Anim. Kingdom, p. 62, 1792. Based on the Yellow Baboon of Pennant; "Africa."

*Simia sylvicola* Shaw, General Zool., 1: Mamm., pt. 1, p. 22, pl. 12, 1800. No locality; based on the Wood Baboon of Pennant, from Guinea.

*Simia sublutea* Shaw, General Zool., 1: Mamm., pt. 1, p. 23, 1800. No locality; based on the Yellow Baboon of Pennant.

*Cynocephalus babouin* Desmarest, Méthodique, Mammalogie, 1: 68, 1820. No locality, except northern Africa.

*Cynocephalus antiquorum* Schinz, in Cuvier's Thierreich (Schinz ed.), 1: 115, 1821.

*Cynocephalus thoth* Ogilby, Proc. Zool. Soc. London, p. 11, July 1843. Locality unknown. Type regarded by Anderson (see Mamm. of Egypt, p. 57-64, 1902) as unquestionably *Papio cynocephalus*.

*Cercopithecus ochraceus* Peters, Reise nach Mossambique, Säugeth., p. 2, pl. 1a, 1853. Querimba, Mozambique, 10° – 13° S.

This is a young baboon, probably of the *cynocephalus* group according to Elliot (Review of the Primates, Monographs Amer. Mus. Nat. Hist., 2: 121, 1912 = 15 June 1913).

*Cynocephalus langheldi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 233, 1892. Eastern slope of Unguru Mts., Tanga, Ukami, Usukuma, Tanganyika Territory.

PAPIO CYNOCEPHALUS KINDÆ Lönnberg

*Papio kindæ* Lönnberg, Revue Zool. Africaine, 7: 147, 1 Oct. 1919. Kinda, Lulua district, Congo Belge.

PAPIO CYNOCEPHALUS RHODESLÆ (Haagner)

*Choiropithecus rhodesiæ* Haagner, South African Journ. Nat. Hist., 1: 83, pl. 3, May 1918. Central Rhodesia.

PAPIO CYNOCEPHALUS STREPITUS Elliot

*Papio strepitus* Elliot, Ann. Mag. Nat. Hist. (7) 20: 194, Sep. 1907. Fort Johnston, south end of Lake Nyasa, Nyasaland. Possibly same as *P. cynocephalus cynocephalus*.

PAPIO DOGUERA DOGUERA (Pucheran). Anubis Baboon

*S[im]ia anubis* J. B. Fischer, Synopsis Mamm., p. 33, 1829. Africa (according to Anderson, perhaps Upper Nile, Meröe Id.), but regarded as "absolutely undeterminable" by J. A. Allen (Bull. Amer. Mus. Nat. Hist., 47: 315, 6 Feb. 1925), and hence to be dropped.

*Cynocephalus doguera* Pucheran, Revue et Mag. de Zool., (2) 8: 96, Feb. 1856; (2) 9: 250, June 1857. Abyssinia.

On the use of this name rather than the unidentifiable *anubis*, see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 315–316, 6 Feb. 1925.

PAPIO DOGUERA FURAX Elliot

*Papio furax* Elliot, Ann. Mag. Nat. Hist. (7) 20: 498, Dec. 1907. Baringo, northwest of Mt. Kenya, Kenya Colony.

Range: Northern Guaso Nyiro to Lake Naivasha, Kenya Colony.

PAPIO DOGUERA HEUGLINI Matschie

*Papio heuglini* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 81, 1898. Near Shilluk Islands, White Nile, Anglo-Egyptian Sudan.

On status and synonymy see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 320, 6 Feb. 1925.

*Papio lydekkeri* W. Rothschild, Novitates Zool., 9: 140, 10 Apl. 1902. Upper Blue Nile.

*P[apio] anubis*, subsp. *olivaceus* De Winton, in Anderson's Zool. Egypt, Mamm., p. 53, 1902, in part; not *Cynocephalus olivaceus* I. Geoffroy = *Papio papio* Desmarest.

*Papio nigeriæ* Elliot, Ann. Mag. Nat. Hist. (8) 4: 247, Sep. 1909. Ibi, northern Nigeria.

*Papio wernerii* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 190, 1916. Gebel Talodi, near Talodi, Nuba Mts., southern Kordofan.

#### PAPIO DOGUERA IBEANUS Thomas

*Papio thoth ibeanus* Thomas, Ann. Mag. Nat. Hist. (6) 11: 47, Jan. 1893. Lamu, Kenya Colony.

#### PAPIO DOGUERA NEUMANNI Matschie

*Papio neumanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 161, 1897. Dönyo Ngai and Wadi Natron, Masailand, Tanganyika Territory.

*Papio anubis lestes* Heller, Smithsonian Misc. Coll., 61: no. 19, p. 10, 8 Nov. 1913. Ulukenia Hills, Athi Plains, Kenya Colony. Probably same as *P. doguera neumanni* Matschie.

*Papio anubis vigilis* Heller, Smithsonian Misc. Coll., 61: no. 19, p. 11, 8 Nov. 1913. Lakiundu River, near its junction with Northern Guaso Nyiro, Kenya Colony. Probably a synonym of *Papio doguera neumanni* Matschie.

#### PAPIO DOGUERA TESSELLATUS Elliot

*Papio tessellatum* Elliot, Ann. Mag. Nat. Hist. (8) 4: 247, Sep. 1909. Mulema, Ankole, Uganda.

On status and synonymy see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 317, 6 Feb. 1925.

*Papio silvestris* Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 52: 173, 16 June 1915. Mawambi, Congo Belge.

*Papio graueri* Lorenz, Ann. K. K. Naturhist. Hofmus. Wien, 31: 236, 1917. Rutschuru Plains, Congo Belge.

#### PAPIO PAPIO (Desmarest). Western Baboon

*Cynocephalus papio* Desmarest, Encyclop. Méthodique, Mammalogie, 1: 69, 1820. West Africa, "la côte de Guinée."

*C[ynocephalus] choras* Ogilby, Proc. Zool. Soc. London, p. 12, July 1843. West Africa, "brought from the Niger Expedition."

*Cynocephalus olivaceus* I. Geoffroy, Arch. Mus. d'Hist. Nat. Paris, 5: 531 (name only), 543, footnote, 1851. Gulf of Benin, Guinea, West Africa.

*Papio rubescens* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 39, 1853. West Africa, exact locality of the coast unknown.

*Papio yokoensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 89, 1900. Yoko, on the Sanaga River, Cameroons.



**PAPIO PRUINOSUS** Thomas

*Papio pruinus* Thomas, Proc. Zool. Soc. London, for 1896, p. 789, pl. 38, Apl. 1897. Fort Johnston = Lesumbwe, Monkey Bay, south end of Lake Nyasa, Nyasaland.

Probably an individual variation.

**THEROPITHECUS** I. Geoffroy. Gelada Baboon

*Theropithecus* I. Geoffroy, Arch. Mus. d'Hist. Nat. Paris for 1841, 2: 576, 1843.

Genotype *Macacus gelada* Rüppell.

*Gelada* Gray, List Spec. Mamm. Brit. Mus., pp. xvii, 9, 13 May 1843. Genotype *Gelada rüppellii* Gray = *Macacus gelada* Rüppell.

"Although published in the same year," *Theropithecus* is universally given recognition.

**THEROPITHECUS** *GELADA* (Rüppell). Gelada Baboon

*Macacus gelada* Rüppell, Neue Wirbelthiere zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 5, pl. 2, 1835. Mountains of southern Abyssinia, in provinces of Haremat, Simien, and Godjam.

*Theropithecus senex* Pucheran (ex Schimper MS.), Revue et Mag. de Zool., (2) 9: 243, June 1857. Abyssinia.

Elliot (Review of the Primates, Monographs Amer. Mus. Nat. Hist., 2: 156, 1912, = 15 June 1913) shows that this is doubtless a synonym of *T. gelada* (Rüppell).

*Theropithecus nedjo* Reichenbach, Vollständ. Naturgesch. d. Affen, p. 204, 1863. New name for *Theropithecus obscurus* Heuglin = *Theropithecus gelada* (Rüppell).

*Theropithecus obscurus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 30: Abhandl., no. 2, suppl., p. 10, 1863. Sources of Takazza River, Galla country, southern Abyssinia, 6-10,000 feet.

*Gelada rüppellii* Gray, List Spec. Mamm. Brit. Mus., p. 9, 13 May 1843; Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 33, 1870. New name for *Macacus gelada* Rüppell.

Range: Mountainous parts of Abyssinia, mainly above 6000 feet.

**Family COLOBIDÆ. Leaf-eating Monkeys**

Regarded by Allen, J. A. (Bull. Amer. Mus. Nat. Hist., 47: 431, 6 Feb. 1925) as a subfamily of Lasiopygidæ (= Cercopithecidæ) but by Hollister, N. (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 37, 1924) as a distinct family, Colobidæ.

**COLOBUS** Illiger. Colobus or Guereza Monkeys

*Colobus* Illiger, Prodrum Syst. Mamm. et Avium, p. 69, 1811. Genotype *Simia polycomos* Schreber.

*Colobolus* Gray, London Medical Repository, 15: 298, 1 Apl. 1821.



- Guereza* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., pp. v, 19, 1870. Genotype *Guereza rüppellii* Gray = *Colobus polykomos abyssinicus* (Oken).
- Procolobus* Rochebrune, Faune de la Sénégambie, Suppl., Vertébrés, pt. 1, p. 95, pl. 1, 1886-87. Genotype *Colobus verus* Van Beneden.
- Tropicolobus* Rochebrune, Faune de la Sénégambie, Suppl., Vertébrés, pt. 1, p. 96, pls. 2, 28, 1886-87. Genotype *Colobus rufomitatus* Peters.
- Piliocolobus* Rochebrune, Faune de la Sénégambie, Suppl., Vertébrés, pt. 1, pp. 96, 105, pl. 3-6, 1886-87. Included four species; genotype *Simia (Cercopithecus) badius* Kerr (see Allen, J. A., Journ. Mammalogy, 1: 97, Feb. = 2 Mar. 1920).
- Stachycolobus* Rochebrune, Faune de la Sénégambie, Suppl., Vertébrés, pt. 1, pp. 96, 114, 1886-87. Genotype *Colobus satanas* Waterhouse.
- Pterocolobus* Rochebrune, Faune de la Sénégambie, Suppl., Vertébrés, pt. 1, pp. 96, 125, pl. 10, 1886-87. Genotype *Colobus vellerosus* I. Geoffroy.
- Lophocolobus* Pousargues, Bull. Mus. d'Hist. Nat. Paris, 1: 98, text-f. 1, [20 Apl.] 1895. As a subgenus of *Colobus*; type *Colobus verus* Van Beneden.

Review: Schwarz, E. On the local races and distribution of the Black and White *Colobus* Monkeys. Proc. Zool. Soc. London, p. 585-598, map, 16 Oct. 1929.

Schwarz, E. Bemerkungen über die roten Stummelaffen. Zeitschr. f. Säugetierkunde, 3: 92-97, 11 June 1928.

See also Allen, J. A. Primates collected by the American Museum Congo Expedition. Bull. Amer. Mus. Nat. Hist., 47: 283-499, pl. 79-167, text-f. 1-3, map, 6 Feb. 1925.

### *polykomos* section

*COLOBUS POLYKOMOS POLYKOMOS* (Zimmermann). Black and White *Colobus Cebus polykomos* Zimmermann, Geogr. Geschichte, 2: 202, 1780. Based on Pennant's account, in litt. Sierra Leone.

*Simia (Cercopithecus) regalis* Kerr, Linnæus's Animal Kingdom, p. 74, 1792. Sierra Leone.

*Simia tetradactyla* Link, Beyträge Naturgesch., p. 62, 1795. Based on Buffon.

*Simia polykomos* Schreber, Säugthiere, pl. 10 D, ?1800 (see Sherborn, Proc. Zool. Soc. London, for 1891, p. 590, Apl. 1892). Sierra Leone and Guinea.

*Simia comosa* Shaw, Gen. Zoology, Mamm., 1: pt. 1, p. 59, 1800. Based on Pennant, hence Sierra Leone.

*Col[obus] ursinus* Ogilby, Proc. Zool. Soc. London, p. 98, 9 Oct. 1835. "Algoa Bay."

Range: Forests from French Guinea, through Sierra Leone and Liberia to western part of Ivory Coast.

## COLOBUS POLYKOMOS DOLLMANI Schwarz

*Colobus polykomos dollmani* Schwarz, Ann. Mag. Nat. Hist. (9) 19: 155, Jan. 1927. Bandama, Bandama River, Ivory Coast.

## COLOBUS POLYKOMOS VELLEROSUS (I. Geoffroy)

*Semnopithecus vellerosus* I. Geoffroy, in Bélanger's Voy. aux Indes-Orientales, Zool., p. 37, 1834. No locality — "Afrique."

*Semnopithecus bicolor* Wesmael, Bull. Acad. Roy. Sci. et Belles-lettres Belg., Bruxelles, 2: 236, 1835. "Côtes d'Afrique."

*Colobus leucomeros* Ogilby, Proc. Zool. Soc. London, for 1837, p. 69, 22 Jan. 1838. "Africa;" Gambia River.

Range: Forests of Gold Coast and Togo.

*satanas* section

## COLOBUS POLYKOMOS SATANAS Waterhouse. Black Colobus

*Colobus satanas* Waterhouse, Proc. Zool. Soc. London, p. 58, July 1838. Island of Fernando Po, West Africa.

*Semnopithecus anthracinus* Leconte, Proc. Acad. Nat. Sci., Philadelphia, p. 10, 1857. Gaboon.

*Stachycolobus munitus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 155, 16 July 1917. Wurminsog, south of Rio Muni, and west of Noya, French Congo.

*Stachycolobus limbarenicus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 156, 16 July 1917. Limbareni, Ogowe River, Gaboon.

*Stachycolobus zenkeri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 157, 16 July 1917. Bipindi, Lokundje River, southern Cameroons.

Range: Island of Fernando Po, and adjacent coasts of Gaboon and southern Cameroons.

*abyssinicus* section

## COLOBUS POLYKOMOS ABYSSINICUS (Oken)

*Lemur abyssinicus* Oken, Lehrb. d. Naturgesch., pt. 3: sect. 2, p. 1182, 1816. Abyssinia.

*Colobus guereza* Rüppell, Neue Wirbelthiere zu d. Fauna v. Abyssinien gehörig, 1: Säugeth., p. 1, pl. 1, 1835. Province of Godjam, central Abyssinia.

*Guereza rüppellii* Gray, Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 19, 1870. New name for *Colobus guereza* Rüppell.

*Colobus abyssinicus poliurus* Thomas, Proc. Zool. Soc. London, for 1900, p. 800, 1 Apl. 1901. Omo River, southern Abyssinia.

*Colobus (Guereza) poliurus managaschæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 54, Dec. 1913. Managasha forest, west of Addis Ababa, upper Hawash, Abyssinia.

Range: Mountain forests of Abyssinia, west of the Hawash River.

**COLOBUS POLYKOMOS CAUDATUS** Thomas

*Colobus guereza caudatus* Thomas, Proc. Zool. Soc. London, p. 219, pl. 12, 1 Aug. 1885. Usuri, northeast slope of Mt. Kilimanjaro, Tanganyika Territory, 3000 feet.

*Colobus albicaudatus* Lydekker, Proc. Zool. Soc. London, for 1905, 2: 328, 5 Apl. 1906. Substitute for *caudatus*.

**COLOBUS POLYKOMOS DODINGÆ** Matschie

*Colobus (Guereza) matschiei dodingæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 52, Dec. 1913. Southwestern Dodinga Mts., about 4° 10' N., 33° 42' E., southern Mongalla, Anglo-Egyptian Sudan.

**COLOBUS POLYKOMOS GALLARUM** Neumann

*Colobus gallarum* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 49, 1902. Mountains near headwaters of Webi Shebeli: Gara Mulata near Harar and Djaffa Mts. in Arussi Land, Abyssinia.

Range: Mountain forests east of the Hawash River, Abyssinia.

**COLOBUS POLYKOMOS KIKUYUENSIS** Lönnberg

*Colobus abyssinicus kikuyuensis* Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 63, Jan. 1912. Escarpment Station, Kenya Colony.

*Colobus (Guereza) caudatus thikæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 56, Dec. 1913. West slope of Mt. Kenya, Kenya Colony.

*Colobus (Guereza) caudatus laticeps* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 57, Dec. 1913. West slope of Mt. Kenya, Kenya Colony.

Range: Mt. Kenya and uplands of Kenya Colony east of Rift Valley.

**COLOBUS POLYKOMOS MATSCHIEI** Neumann

*Colobus matschiei* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 15, 1899. Kwa Kitoto, near Kisumu, Kavirondo, Kenya Colony.

*Colobus abyssinicus roosevelti* Heller, Smithsonian Misc. Coll., 61: no. 17, p. 5, 21 Oct. 1913. Mau forest, near Njoro, Kenya Colony.

*Colobus abyssinicus elgonis* Granvik, Acta Univ. Lundensis, (2) 21: no. 3, p. 5, pl. 1, 1925. East slope of Mt. Elgon, Kenya Colony.

Range: Mountain forest west of Rift Valley, from Elgeyo Escarpment and Mau forest throughout the Nandi and Elgon region to the small forest near Kisumu, Lake Victoria, Kenya Colony.

**COLOBUS POLYKOMOS OCCIDENTALIS** (Rochebrune)

*Guereza occidentalis* Rochebrune, Faune de Sénégal, Suppl., Vertébrés, p. 140, pl. 13, 1886-87. Noki, upper Congo.

*Colobus (Guereza) escherichi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 342, July 1914. Gombe, below Ikelemba, Sanga River, French Congo.  
Range: From Ubangi and upper Shari district to western slope of Cameroons plateau.

COLOBUS POLYKOMOS PERCIVALI Heller

*Colobus abyssinicus percivali* Heller, Smithsonian Misc. Coll., 61: no. 17, p. 6, 21 Oct. 1913. Mt. Gargues, Mathews Range, Kenya Colony.

COLOBUS POLYKOMOS UELLENSIS Matschie

*Colobus (Guereza) matschiei uellensis* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 47, Dec. 1913. Uele River, Congo Belge.

*Colobus (Guereza) matschiei ituricus* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 48, Dec. 1913. Ituri, Congo Belge.

*Colobus (Guereza) matschiei dianæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 49, Dec. 1913. Kissenge, northeast shore of Lake Albert Edward, Congo Belge.

*Colobus (Guereza) matschiei brachychaetes* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 53, 1913. Modi, between Kaya and Dufilé, Lado.

*Colobus abyssinicus terrestris* Heller, Smithsonian Misc. Coll., 61: no. 17, p. 7, 21 Oct. 1913. Rhino Camp, Lado Enclave.

*Colobus occidentalis ituricus* Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 508, 1914. Mawambi, Ituri River, Congo Belge.

*Colobus occidentalis rutschuricus* Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 508, 1914. Sassa River, southeast of Lake Albert Edward, Congo Belge.

Range: Congo forest, north of the Congo, from Lado Enclave and Lake Victoria west probably to the great bend of the Ubangi, Congo Belge.

*angolensis* section

COLOBUS POLYKOMOS ADOLFI-FRIEDERICI Matschie

*Colobus adolfi-friederici* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 337, July 1914. Rugege forest, northeast of Lake Kivu, Ruanda, Congo Belge.

Range: Mountain ranges east of Lake Kivu and northern end of Lake Tanganyika.

COLOBUS POLYKOMOS ANGOLENSIS P. L. Slater

*Colobus angolensis* P. L. Slater, Proc. Zool. Soc. London, p. 245, May-Aug. 1860. Inland from Bembe, northern Angola.

*Colobus angolensis sandbergi* Lönnberg, Arkiv f. Zool., 4: no. 15, p. 1, 2 text-f., 28 Apl. 1908. Lufizi River, near junction with upper Zambesi River, Angola.

*Colobus (Colobus) palliatus weynsi* Matschie, Revue Zool. Africaine, 2: 207, 15 Feb. 1913. Lower Congo.

*Colobus maniema* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 336, July 1914. Between Pienimulamba and Kibombo, between Stanleyville and Kassongo, middle Luala, Congo Belge.

*Colobus benamakima* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 337, July 1914. Bena Makima, Sankuru River, Congo Belge.

Range: Forest area south of the Congo.

#### COLOBUS POLYKOMOS COTTONI Lydekker

*Colobus palliatus cottoni* Lydekker, Ann. Mag. Nat. Hist. (7) 16: 432, Oct. 1905. Zokwa (misprinted Qugo), between Mahagi, Lake Albert, and Irumu, Ituri River, Congo Belge.

*Colobus (Colobus) palliatus mawambicus* Matschie, Revue Zool. Africaine, 2: 205, 15 Feb. 1913. Northern Pemba, between Irumu and Mawambi, Ituri, Congo Belge.

*Colobus mawambicus nahani* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 335, July 1914. Panga, on the Aruwimi, Congo Belge.

Range: Eastern Congo basin, in the Uele, Ituri and Aruwimi districts.

#### COLOBUS POLYKOMOS PALLIATUS Peters

*Colobus palliatus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 637, 1868.

East Africa, opposite Zanzibar, i.e. Pangani River, Tanganyika Territory.

Range: Coast ranges of northern Tanganyika Territory and southern Kenya Colony.

#### COLOBUS POLYKOMOS RUWENZORII Thomas

*Colobus ruwenzorii* Thomas, Proc. Zool. Soc. London, 2: 85, 1 Oct. 1901.

Buamba country, northwest flank of Mt. Ruwenzori, Congo Belge.

#### COLOBUS POLYKOMOS SHARPEI Thomas

*Colobus sharpei* Thomas, Proc. Zool. Soc. London, 1: 118, June 1, 1902. Fort Hill, Nyasa-Tanganyika plateau, Nyasaland.

*Colobus langheldi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 337, July 1914. No exact locality; skin brought from Ujiji, Tanganyika Territory.

### *badius* section

(Pocock, Proc. Zool. Soc. London, for 1935, p. 939, 10 Jan. 1936, provisionally assigns the red colobus monkeys to a separate genus, *Procolobus*.)

#### COLOBUS BADIUS BADIUS (Kerr). Red Colobus

*Simia (Cercopithecus) badius* Kerr, Linnæus's Animal Kingdom, p. 74, 1792.

Based on the Bay Monkey of Pennant; Sierra Leone.

*Simia ferruginea* Shaw, General Zool., Mamm., 1: pt. 1, p. 59, 1800. Based on the Bay Monkey of Pennant; Sierra Leone.

*Colobus ferruginosus* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 92, 1812. New name for *Simia ferruginea* Shaw. "La Guinée."

*Colobus rufoniger* Ogilby, Library of Entertaining Knowledge, The Menageries, Nat. Hist. of Monkeys, Opossums and Lemurs, 1: 273, 1838. Sierra Leone. Range: Sierra Leone and Liberia.

#### COLOBUS BADIUS PENNANTII Waterhouse

*Colobus pennantii* Waterhouse, Proc. Zool. Soc. London, p. 57, July 1838. Island of Fernando Po, West Africa.

Range: Confined to Fernando Po.

#### COLOBUS BADIUS PREUSSI (Matschie)

*Piliocolobus preussi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 183, 1900. Barombi, Elephant Lake, northern Cameroons.

#### COLOBUS BADIUS TEMMINCKII (Kuhl)

*Colobus temminckii* (sic) Kuhl, Beiträge Zool., p. 7, 1820. No locality.

*Colobus fuliginosus* Ogilby, Proc. Zool. Soc. London, p. 97, 9 Oct. 1835. Gambia.

*Colobus rufo-fuliginus* Ogilby, Library of Entertaining Knowledge, The Menageries, 1: 269, 270, f. 3, 1838. Substitute for *C. fuliginosus* Ogilby.

*Cercopithecus temminckii* Ogilby, Library of Entertaining Knowledge, The Menageries, 1: 345, 1838, "is obviously . . . but a misquotation (generally repeated) of *Colobus temminckii*, Kuhl = *Colobus badius temminckii*, Kuhl" (see Schwarz, E., Ann. Mag. Nat. Hist. (10) 1: 650, footnote, June 1928). "Coast of Guinea."

Range: Upper Senegal, and Gambia to French Guinea.

#### COLOBUS BADIUS VERUS Van Beneden

*Colobus verus* Van Beneden, Bull. Acad. Roy. Sci. et Belles-Lettres Belgique, Bruxelles, 5: 347, pl., 1838. "Afrique."

*Semnopithecus (Colobus) olivaceus* Wagner, Schreber's Säugthiere, Suppl., 1: 309, 1840. Substitute for *Colobus verus* Van Beneden.

*Colobus?? chrysurus* Gray, Ann. Mag. Nat. Hist. (3) 17: 77, Jan. 1866. West Africa (type a trade skin in British Museum; may be a synonym of *C. badius verus* Van Beneden).

*Colobus cristatus* Gray, Ann. Mag. Nat. Hist. (3) 17: 77, Jan. 1866; Proc. Zool. Soc. London, pl. 15, fig., 1868. West Africa.

Range: Gold Coast and Togo.

#### COLOBUS BADIUS WALDRONI Hayman

*Colobus badius waldroni* Hayman, Proc. Zool. Soc. London, for 1935, p. 915, pl. 1 (col.), 10 Jan. 1936. Goaso, Ashanti, Gold Coast.



*tholloni* section

## COLOBUS BADIUS BOUVIERI (Rochebrune)

*Piliocolobus bouvieri* Rochebrune, Faune de la Sénégambie, Suppl., Vertébrés, pt. 1, p. 108, pl. 4, 1887. Gambia, whence came Bouvier's specimen, may be selected as type locality.

*Colobus (Piliocolobus) likualæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 346, July 1914. Sanga River, opposite mouth of Likuala River, French Congo.

## COLOBUS BADIUS THOLLONI Milne-Edwards

*Colobus tholloni* Milne-Edwards in Rivière, Revue Scientifique, (3) 12=38: 15, 3 July 1886. Mission Brazza, Lower Congo.

*Colobus (Piliocolobus) lovizettii* Matschie, Revue Zool. Africaine, 2: 207, 15 Feb. 1913. Kutu, Lake Léopold II, Congo Belge.

*rufomitratu*s section

## COLOBUS BADIUS ELLIOTI Dollman

*Colobus ellioti* Dollman, Ann. Mag. Nat. Hist. (8) 4: 475, Nov. 1909. Ninety km. west of south end of Lake Albert Edward, probably near Oso River, Congo Belge.

*Piliocolobus anzelusi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 339, July 1914. Upper Ituri Province, Congo Belge.

*Piliocolobus ellioti melanochir* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 339, July 1914. Between Beni and Irumu, Upper Ituri River, Congo Belge.

*Colobus variabilis* Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 383, 1914. Ituri forest, Congo Belge.

*Colobus multicolor* Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 385, 1914. Mawambi, Ituri district, Congo Belge.

Range: Rainforest in region of the Lindi, Semliki, and Ituri-Aruwimi Rivers, south to the Lova, Congo Belge.

## COLOBUS BADIUS FOAI Pousargues

*Colobus foai* Pousargues, Bull. Mus. d'Hist. Nat., Paris, 5: 278, 1899. Ouroua country, between southwest of Lake Tanganyika and upper Congo, Congo Belge.

*Piliocolobus kabambarei* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 338, July 1914. Near Kabambare, between Baraka and Kasongo, Lualaba River, west of Lake Tanganyika, Congo Belge.

*Piliocolobus lulindicus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 338, July 1914. Lulindi River, near Kasongo, Congo Belge.

Range: Forest between northern Tanganyika and the Congo.



## COLOBUS BADIUS GRAUERI Dollman

*Colobus graueri* Dollman, Ann. Mag. Nat. Hist. (8) 4: 474, Nov. 1909. Wabembeland, 80 kilom. west of the north end of Lake Tanganyika, Congo Belge.  
Range: Mountain forest northwest of Lake Tanganyika.

## COLOBUS BADIUS GORDONORUM (Matschie)

*Piliocolobus gordonorum* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 186, 1900. Uzungwe Mts., Uhehe, Tanganyika Territory.

## COLOBUS BADIUS GUDOVII (Matschie)

*Tropocolobus gudovii* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 340, July 1914. Between Ussuwi and Ihangiro, west of Lake Victoria, Tanganyika Territory.

## COLOBUS BADIUS LANGI J. A. Allen

*Colobus langi* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 443, pl. 102-103, 6 Feb. 1925. Risimu, between Stanleyville and Bafwaboli, Congo Belge.

## COLOBUS BADIUS NIGRIMANUS Trouessart

*Colobus nigrimanus* Trouessart, Bull. Mus. d'Hist. Nat., Paris, 12: 444, 1906. Liranga, left bank of Congo, French Equatorial Africa.

## COLOBUS BADIUS OUSTALETI Trouessart

*Colobus oustaleti* Trouessart, Bull. Mus. d'Hist. Nat., Paris, 12: 443, 1906. Youmba country, Ubangi basin, Congo Belge.

*Colobus (Tropocolobus) umbrinus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 343, July 1914. Bungi, Sanga River, between Wesso and Ikelemba, Congo Belge.

## COLOBUS BADIUS POWELLI Matschie

*Colobus (Piliocolobus) powelli* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 61, Dec. 1913. Zokwa, between Mahagi and Irumu, west of Lake Albert, upper Ituri, Congo Belge, 5350 feet.

*Colobus (Tropocolobus) schubotzi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 345, July 1914. Near Koloka, between the Likati and Bima Rivers, Congo Belge.

*Colobus (Piliocolobus) brunneus* Lönnberg, Revue Zool. Africaine, 7: 112, 1 Oct. 1919. Sili, district of Upper Uele, Congo Belge.

Range: Gallery forest in region of Lake Albert, the Uele, Kibali, Rubi, Likati Rivers, Congo Belge.

## COLOBUS BADIUS RUFOMITRATUS Peters

*Colobus rufomitratatus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 829, pls. 1A, 2, 1879. Muniuni, Tana River, Kenya Colony.

Range: Confined to the gallery forests of the lower Tana River.

## COLOBUS BADIUS TEPHROSCELES Elliot

*Colobus tephrosceles* Elliot, Ann. Mag. Nat. Hist. (7) 20: 195, Sep. 1907.

Ruahara River, Toro, east side of Mt. Ruwenzori, Uganda, 4000 feet.

*kirkii* section

## COLOBUS BADIUS KIRKII Gray

*Colobus kirkii* Gray, Proc. Zool. Soc. London, p. 180, pl. 15, May 1868. Zanzibar Island.

## Family PONGIDÆ. Great Apes

## PAN Oken. Chimpanzees

*Simia* of various authors, in part, not of Linnæus, 1758, of which the type is *Simia sylvanus*. On the suppression of *Simia* from zoological nomenclature see Opinion 114, International Commission on Zool. Nomenclature (Smithsonian Misc. Coll., 73: no. 6, p. 25, 8 June 1929).

*Troglodytes* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 87, 1812. Genotype *Troglodytes niger* E. Geoffroy = *Simia satyrus* Linnæus. Preoccupied by *Troglodytes* Vieillot, 1806, in birds.

P[an] Oken, Lehrb. d. Naturgesch., pt. 3, zool., sect. 2, pp. xi, 1230, 1816. Genotype *Pan africanus* Oken = *Simia satyrus* Linnæus.

*Mimetes* Leach, Thomson's Ann. Philos., 16: 104, Aug. 1820. Genotype *Simia satyrus* Linnæus; preoccupied by *Mimetes* Hübner, 1816, in insects.

*Theranthropus* Brookes, Cat. Anat. and Zool. Mus. of Joshua Brookes, London, p. 28, 1828 (previous to July 14). Genotype *Theranthropus niger* = *Troglodytes niger* E. Geoffroy.

*Anthropopithecus* Blainville, Ann. Franç. et Étrang. d'Anat. et Physiol., Paris, 2: 360, 1838. Genotype *Anthropopithecus troglodytes* = *Simia troglodytes* Gmelin.

*Hylanthropus* Gloger, Hand- u. Hilfsbuch d. Naturgesch., 1: pp. xxvii, 34, 1841. Genotype *Hylanthropus troglodytes* = *Simia troglodytes* Gmelin.

*Satyrus* Mayer, Arch. f. Naturgesch., 22: sect. 1, p. 281, 1856. Genotype not specified; included Orang, Gorilla, and Chimpanzee. Not *Satyrus* Linnæus, 1760, nor of Oken, 1816.

*Pseudanthropos* Reichenbach, Fortsetzung Vollständ. Naturgesch. d. Affen, 1860 (see Palmer, T. S., No. Amer. Fauna, no. 23, p. 589, 1904). New name to replace *Troglodytes* E. Geoffroy, 1812, preoccupied.

*Pongo* Haeckel, Gen. Morphol. d. Organismen, 2: cl, footnote, 1866. New name for *Troglodytes* E. Geoffroy, preoccupied; not *Pongo* Lacépède, 1799.

*Engeco* Haeckel, Gen. Morphol. d. Organismen, 2: cl and footnote, clx, 1866. Genotype *Simia troglodytes* Gmelin.

*Andropithecus* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 286, Oct. 1868. Nomen nudum for the Chimpanzee and the Gorilla.

*Anthropithecus* Haeckel, Syst. Phylogenie d. Wirbelthiere, 3: 600, 1895. Emendation of *Anthropopithecus*.

*Fsihego* De Pauw, Notes sur la Solidification et le Montage des grands Mammifères (Belgium), p. 13, 1905. Based on Chimpanzee of the Ituri; genotype by monotypy *Fsihego ituriensis* Matschie.

*Pseudanthropus* Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: xxxvii, 1912 = 15 June 1913, emendation.

*Chimpanza* Haime.

Review: Schwarz, Ernst. On the local races of the Chimpanzee. Ann. Mag. Nat. Hist. (10) 13: 576-583, June 1934. See also, for critical notes, Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 477-497, pl. 152-165, 166, f. 2, 6 Feb. 1925.

PAN TROGLODYTES TROGLODYTES (Blumenbach) Chimpanzee

*Simia satyrus* Linnæus, Syst. Nat., ed. 10, 1: 25, 1758. Africa; locality restricted to Mayumba, French Congo, by Schwarz (Ann. Mag. Nat. Hist. (10) 13: 580, June 1934), who adds, "The original specimen described by Tulpus upon which *Simia satyrus* was founded is said to have come from the coast of Angola; there is, however, no proof that it really came from there." Suppressed, see Smithsonian Misc. Coll., 73: no. 6, 8 June 1929.

*Simia troglodytes* Blumenbach, Handb. d. Naturgesch., p. 65, 1799. Not *Homo troglodytes* Linnæus (Syst. Nat., ed. 10, 1: 24, 1758), which was based upon an account of an abnormally hairy woman and albino negroes (see Thomas, O., Proc. Zool. Soc. London, p. 125, Mar. 1911). "Angola."

*Simia satyrus pongo* Kerr, Linnæus's Animal Kingdom, p. 56, 1792. "Java and interior parts of Guinea."

*Simia satyrus jocko* Kerr, Linnæus's Animal Kingdom, p. 56, 1792. No locality.

*Troglodytes niger* E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 87, 1812. Coast of Angola (but probably this is erroneous).

*Pan africanus* Oken, Lehrb. d. Naturgesch., pt. 3, zool., sect. 2, p. 1231, 1816. "Congo, Angola, Guinea, Sierra Leona."

*Troglodytes leucoprymnus* Lesson, Illustr. Zool., pl. 32, 1831. Coast of "Guinée."

*Anthropopithecus pan* Lesson, Spec. Mamm. Bimanes et Quadrumanes, p. ?, 1840.

*Troglodytes tschego* Duvernoy, Arch. Mus. d'Hist. Nat., Paris, 8: 1, pl. 1, 1855; the name appears as legend to pl. 1 and in title. West coast of Africa.

*Satyrus lagaros* Mayer, Arch. f. Naturgesch., 22: sect. 1, p. 282, 1856. No locality.

*Satyrus chimpanse* Mayer, Arch. f. Naturgesch., 22: sect. 1, p. 282, 1856. No locality.

*Troglodytes calvus* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 296, July 1860. Interior of Gaboon, south of Cape Lopez.

*Troglodytes kooloo-kamba* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 358, Nov. 1860. Ashankolo Mts., upper Ovenga River, French Congo.

*Troglodytes vellerosus* Gray, Proc. Zool. Soc. London, p. 181, Sep. 1862. Cameroon Mountains, northern Cameroons.

*Troglodytes aubryi* Gratiolet and Alix, Nouv. Arch. Mus. d'Hist. Nat. Paris, (1) 2: 1-258, pl. 1-9, 1866. Probably Gaboon.

*Pseudanthropus fuliginosus* Schaufuss, Nunquam Otiosus, Zool. Mittheil., p. 345, 1870. French Congo, exact locality doubtful.

*Troglodytes angustimanus* Brehm, 1871 (not seen).

*Anthropopithecus fuscus* A. B. Meyer, Abhandl. u. Ber. K. Zool. Anthrop.-Ethnogr. Mus., Dresden, 5: no. 14, p. 7, footnote, pl., 12 Sep. 1895. No locality; provisional name.

*Troglodytes livingstonii* Selenka, Studien über Entwicklungsgesch. d. Tiere, pt. 7, art. 2, p. 104, 1899; nomen nudum.

*Simia pygmaeus raripilosus* W. Rothschild, Proc. Zool. Soc. London, for 1904, 2: 422, 430, text-f. 111, 18 Apl. 1905. Interior of French Congo, no exact locality.

*A[nthropopithecus] ellioti* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 327, July 1914. Near Bascho, northern Cameroons.

*Anthropopithecus oertzeni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 327, July 1914. Near Bascho, northern Cameroons.

*Anthropopithecus reuteri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 328, July 1914. Mouth of Dume River, in the Kadei, southern Cameroons.

*Anthropopithecus ochroleucus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 329, July 1914. North of Sangmelima, upper Lobo River, southern Cameroons.

*Anthropopithecus schneideri* Matschie, Zeitschr. f. Ethnol., 51: 75, text-f. 4-5, 1919. Fernan Vaz district, French Congo. Probably the hinterland south of Eliva Nkomi.

*Anthropopithecus pusillus* Matschie, Zeitschr. f. Ethnol., 51: 76, 1919. Probably lower Ogowe, between Cape Lopez and Lake Anengue, Gaboon.

*Anthropopithecus papio* Matschie, Zeitschr. f. Ethnol., 51: 80, text-f. 7, 1919. Barombi, Elephant Lake, Cameroons.

*Anthropopithecus maior* and *minor* Stiles, Bull. Hygien. Lab., U. S. Dept. Publ. Health, no. 115, p. 53, 1927.

According to Schwarz, E., (Ann. Mag. Nat. Hist. (10) 13: 580, footnote, June 1934) these names "must stand to the credit of Stiles" since "Erxleben never used them in a technical sense, but only as mere descriptions."

*Anthropopithecus hecki* Koch, Zool. Garten, (2) 5: 100, 105, text-f. 1, Aug. 1932. Hinterland of Cameroons.

PAN TROGLODYTES SCHWEINFURTHII (Giglioli). Long-haired Chimpanzee

*Troglodytes schweinfurthii* Giglioli, Ann. Mus. Civ. Stor. Nat., Genova, 3: 114, footnote, 135, 1872. Upper Uele drainage, Niam-niam country, north-eastern Congo Belge.

*Troglodytes niger* var. *marungensis* Noack, Zool. Jahrb., Syst., 2: 291, pl. 10, f. 38-41, 7 May 1887. Marungu, west of Lake Tanganyika, Tanganyika Territory.

- Fsihego ituriensis* De Pauw, Notes sur la Solidification et le Montage des grands Mammifères, St. Nicolas, Belgium, p. 13, pl. 1, 1905. Ituri and central Congo Belge.
- Simia (Anthropopithecus) nahani* Matschie, Revue Zool. Africaine, 2: 118, 31 Sep. 1912. Banalia, Aruwimi River, Congo Belge.
- Simia (Anthropopithecus) ituricus* Matschie, Revue Zool. Africaine, 2: 121, 31 Sep. 1912. Makala-Avakubi road, Ituri basin, Congo Belge.
- Simia (Anthropithecus) (sic) cottoni* Matschie, Revue Zool. Africaine, 2: 124, 31 Sep. 1912. Sassa (Ishasha) River, southeast of Lake Albert Edward, western border of Uganda.
- Simia (Anthropopithecus) adolfi-friederici* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 46, Dec. 1913. Bugoie forest, northeast of Lake Kivu, western border of Tanganyika Territory.
- Simia (Anthropopithecus) kooloo-kamba yambuyæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 46, Dec. 1913. Yambuya, lower Aruwimi, Congo Belge.
- Anthropopithecus porschei* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 332, July 1914. Tschingogo forest, between Lakes Kivu and Luhondo, western border of Tanganyika Territory.
- Anthropopithecus pfeifferi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 333, July 1914. East of Russissi on border of Urundi, near sources of the Akanjari, western border of Tanganyika Territory.
- Anthropopithecus graueri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 333, July 1914. West shore of Lake Tanganyika, 80 km. northwest of Boko, Wabembe country, Congo Belge.
- Anthropopithecus calvescens* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 334, July 1914. Baraka-Kasongo road, between Niembo and Kabambare, on the Luama River, west of Lake Tanganyika, Congo Belge.
- Anthropopithecus castanomale* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 334, July 1914. Northeast shore of Lake Tanganyika, border of Urundi, Tanganyika Territory.
- Anthropopithecus schubotzi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 335, July 1914. Between Kilo and Irumu, upper Ituri River, west of Lake Albert Edward, Congo Belge.
- Anthropopithecus steindachneri* Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 550, Dec. 1914. Ituri forest near Moera, north of Beni, Congo Belge.

Range: Forested parts of central Africa, north and east of the Congo, from Ubangi River to Lake Albert and Lake Victoria.

PAN TROGLODYTES VERUS Schwarz. Western Chimpanzee

- Pan satyrus verus* Schwarz, Ann. Mag. Nat. Hist. (10) 13: 578, June 1934. Sanda Magbolonto chiefdom, Karima district, Sierra Leone.
- Simia schimpanse* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 67, 1904; not *Satyrus chimpanse* Mayer, 1856. No locality.



PAN PANISCUS Schwarz. Lesser Chimpanzee

*Pan satyrus paniscus* Schwarz, Revue Zool. Africaine, 16: 425, 1 Apl. 1929.

South of the upper Maringa River, 30 km. south of Befalé, south bank of the Congo, Congo Belge.

*Pan paniscus* Coolidge, Amer. Journ. Phys. Anthropol., 18: 1-57, Sep. 1933.

Schwarz (Ann. Mag. Nat. Hist. (10) 13: 582, June 1934) disagrees with the view that this is a species distinct from *Pan satyrus* (Linnæus).

### GORILLA I. Geoffroy. Gorillas

*Gorilla* I. Geoffroy, Comptes Rend. Acad. Sci. Paris, 34: 84, 1852; 36: 933, 1853.

Genotype *Troglodytes gorilla* Savage and Wyman.

*Pseudogorilla* Elliot, Review of the Primates, Monographs Amer. Mus. Nat.

Hist., 3: 224, pl. 33, 1912 (=15 June 1913). Genotype *Gorilla mayëma*

Alix and Bouvier = *Gorilla gorilla* (Savage and Wyman).

Review: Coolidge, H. J., Jr. A revision of the genus *Gorilla*. Mem. Mus. Comp. Zool., 50: 281-381, pl. 1-21, maps 1, 2, Aug. 1929.

GORILLA GORILLA GORILLA (Savage and Wyman). Coast Gorilla

*Troglodytes gorilla* Savage and Wyman, Boston Journ. Nat. Hist., 5: 417, 4 pls.,

Dec. 1847; Wyman, Proc. Boston Soc. Nat. Hist., 2: 245, Aug. 1847.

Mpongwe, Gaboon River.

*Troglodytes savagei* Owen, Proc. Zool. Soc. London, p. 27, 2 text-f., 1 Aug. 1848.

Mpongwe, Gaboon River.

*Gorilla gina* I. Geoffroy, Arch. Mus. d'Hist. Nat., Paris, 8: 1, pl. 2-4, 1855.

West coast of Africa.

*Satyrus adrotes* Mayer, Arch. f. Naturgesch., 22: sect. 1, p. 282, 1856. Substi-

tute name for *Troglodytes gorilla* Savage and Wyman.

*Sat[yrus] africanus* Mayer, Arch. f. Naturgesch., 22: sect. 1, p. 281, 1856.

Substitute name for *Troglodytes gorilla* Savage and Wyman.

*Gorilla castaneiceps* Slack, Proc. Acad. Nat. Sci. Philadelphia, p. 159, May 1862.

[Gaboon?].

*Pithecus gesilla* Blainville, Ostéographie, pl. 2, 5 bis, 1839-64. Misprint for *gorilla*, corrected in explan. of pls.

*Gorilla mayëma* Alix and Bouvier, Bull. Soc. Zool. de France, 2: 488, 1877.

Banks of the Quilo, near village of King Mayéma, 4° 35' S., Congo.

*Gorilla diehli* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 52, 1904.

Region of the Mun-Aya, which flows into the Cross River, near Dakbe, Menome River, 6° 6' N., 9° 20' E., near Cameroons boundary.

*Gorilla gorilla matschiei* W. Rothschild, Proc. Zool. Soc. London, for 1904, 2:

415, text-f. 101, 102, 18 Apl. 1905. Southern Cameroons.

*Gorilla jacobi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 283, 1905.

Lobo-mouth Station, near junction of the Ja River and the Njong, Cameroons.



*Gorilla gorilla schwarzi* Matschie in Fritze, Jahrb. d. Provinzial-Mus., Hannover, p. 113, pl. 8, 1912; for description see Auerbach, Verh. d. Naturw. Ver. Karlsruhe, 25: Abhandl., p. 5, pl. 1, f. 2; pl. 2, f. 3, 1913. Near Sogema farm, Ja River, southern Cameroons.

*Gorilla hansmeyeri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 325, July 1914. Assobam road, between Mensima and Bimba, west of Mokbe, south of Dumé River, southern Cameroons.

*Gorilla zenkeri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 325, July 1914. Mbiawe on the Lokundje, six hours upstream from Bipindi, Cameroons.

*Gorilla gorilla halli* W. Rothschild, Ann. Mag. Nat. Hist. (9) 19: 271, Feb. 1927. Punta Mbouda, Spanish Guinea.

Range: Southeastern Nigeria (Ikom) eastward to the Sanga River to near Mayombe, at about 5° S., 13° E., thus wholly to the north and northwest of the Congo River.

GORILLA GORILLA BERINGEI Matschie. Mountain Gorilla

*Gorilla beringeri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 257, 1903; p. 51, 1904. Kirunga, Ya Sabinyo Volcano, Tanganyika Territory. Named for Capt. von Beringe; the spelling of the specific name is an obvious misprint.

*Gorilla beringei* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 279, 1905.

*Gorilla graueri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 324, July 1914. West shore of Lake Tanganyika, 80 km. northwest of Boko, Congo Belge.

*Gorilla beringei mikenensis* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 7, pl. 1-4, 1 Sep. 1917. Mt. Mikeno, Virunga (or Birunga) Volcanoes, Congo Belge.

*Gorilla gorilla rex-pygmaeorum* Schwarz, Revue Zool. Africaine, 14: 333, pl. 11-13, 1 Feb. 1927. Luofu, west of Lake Albert Edward, Congo Belge.

*G[orilla] uellensis* Schouteden, in Schwarz, Revue Zool. Africaine, 14: 335, footnote, 1 Feb. 1927. Bondo region, Uele district, Congo Belge. In his note Schouteden attributes the name to Matschie, who apparently never published it.

Range: Mountain forests of eastern Congo Belge, from Mulu, 0° 10' S., to Baraka on Lake Tanganyika, 4° 19' S. in a narrow strip, nearly limited eastward by Kigezi, Uganda, and on the west by Walikale, Congo Belge.

Schultz, A. H. (On some distinguishing characters of the Mountain Gorilla, Journ. Mammalogy, 15: 51-61, Feb. 1934), has pointed out various characters of this gorilla, and regards it as sufficiently different to be treated as a species distinct from *G. gorilla gorilla*, of which it is nevertheless the representative form in the eastern part of the forest area.

## Family HOMINIDÆ. Human Race

## HOMO Linnæus. Man

*Homo* Linnæus, Syst. Nat., ed. 10, 1: 20, 1758. Genotype *Homo sapiens* Linnæus.

HOMO SAPIENS SAPIENS Linnæus. White Man

*Homo sapiens* Linnæus, Syst. Nat., ed. 10, 1: 20, 1758. No locality; five adjectival names are given for as many varieties, of which *europæus* may be taken to denote the Nordic race. Type locality taken as Sweden.

Homo ———. Congo Pygmy

Congo Pygmy of Congo forests and its desert race, the Bushman, of South-west Africa form a basic species.

The Bantu and other Negro races of eastern and South Africa probably represent hybrid types between the Pygmy of the forest and Asiatic races.

## Order CARNIVORA

## Family URSIDÆ. Bears

## URSUS Linnæus

*Ursus* Linnæus, Syst. Nat., ed. 10, 1: 47, 1758. Genotype *Ursus arctos* Linnæus.

URSUS ARCTOS CROWTHERI Schinz. Crowther's Bear

*Ursus crowtheri* Schinz, Syst. Verzeichniss Säugeth., 1: 302, 1844. Atlas Mountains near Tetuan, Spanish Morocco.

On the status of this supposed bear see: Lataste, F., Actes Soc. Linn. Bordeaux (4) 9: 235, 1885; Blyth, E., Proc. Zool. Soc. London, for 1841, p. 65, 1842; Lydekker, R., Proc. Zool. Soc. London, p. 425, Aug. 1897; G. Busk, Trans. Zool. Soc. London, 10: 73, 1877.

## Family MUSTELIDÆ. Weasels, etc.

## Subfamily MUSTELINÆ

## ICTONYX Kaup. African Polecats

*Zorilla* Oken, Lehrbuch d. Naturgesch., sect. 3, zool., pt. 2, p. xi, 1816. Genotype *Viverra zorilla*. (This name is improperly diagnosed and hence unavailable; see A. H. Howell, The generic name *Zorilla*, Proc. Biol. Soc. Washington, 19: 46, 26 Feb. 1906.)

*Ictonyx* Kaup, Das Thierreich, 1: 352, 1835. Genotype *Ictonyx capensis* Kaup = *Viverra zorilla* Erxleben.

*Rhabdogale* Müller, Arch. f. Naturgesch. for 1838, 1: 278, footnote, 1838. No genotype named, but includes the zorillas of Africa.

*Ictidonyx* Agassiz, Nomenclator Zool., Index Univ., p. 194, 1846 (emendation).

*Ictonyx* Roberts, Ann. Transvaal Mus., 18: 228, 21 Feb. 1936. Misprint for

*Ictonyx*, with *I. striatus maximus* Roberts.

#### ICTONYX KALAHARICUS KALAHARICUS Roberts

*Ictonyx kalaharicus* Roberts, Ann. Transvaal Mus., 15: 8, 1 Oct. 1932. Kuke Pan, Central Kalahari, Bechuanaland, South Africa.

#### ICTONYX KALAHARICUS GIGANTEUS Roberts

*Ictonyx kalaharicus giganteus* Roberts, Ann. Transvaal Mus., 15: 9, 1 Oct. 1932. Shorobe, 25 miles north of Maun, Ngamiland, Bechuanaland, South Africa.

#### ICTONYX KALAHARICUS NIGRICAUDUS Roberts

*Ictonyx kalaharicus nigricaudus* Roberts, Ann. Transvaal Mus., 15: 9, 1 Oct. 1932. Gemsbok Pan, Bechuanaland, South Africa.

#### ICTONYX ORANGIÆ ORANGIÆ Roberts

*Ictonyx orangiæ* Roberts, Ann. Transvaal Mus., 10: 67, 31 Jan. 1924. Angra Pequena, south of Bothaville, Orange Free State.

#### ICTONYX ORANGIÆ ARENARIUS Roberts

*Ictonyx orangiæ arenarius* Roberts, Ann. Transvaal Mus., 10: 67, 31 Jan. 1924. Lambert's Bay, Cape Colony.

#### ICTONYX ORANGIÆ GHANSIENSIS Roberts

*Ictonyx orangiæ ghansiensis* Roberts, Ann. Transvaal Mus., 15: 8, 1 Oct. 1932. Gemsbok Pan, Bechuanaland, South Africa.

#### ICTONYX ORANGIÆ PRETORIÆ Roberts

*Ictonyx orangiæ pretoriæ* Roberts, Ann. Transvaal Mus., 10: 67, 31 Jan. 1924. Bøkenhoutfontein, Pretoria district, Transvaal.

#### ICTONYX STRIATUS STRIATUS (Perry)

*Bradypus striatus* Geo. Perry, Arcaña or the Museum of Natural History, pt. 11, pl. (41) and text, 1810. Cape of Good Hope. (Not *Vicerra striata* Shaw, which is a *Spilogale*, see Hollister, Proc. Biol. Soc. Washington, 28: 184, 29 Nov. 1915.)

*Mephitis capensis* A. Smith, Descriptive Cat. South Afr. Mus., p. 20, 1826. Cape of Good Hope.

*Mustela zorilla a capensis* J. B. Fischer, Synopsis Mamm., p. 218, 1829. Cape of Good Hope.

*M[ephitis] africana* Lichtenstein, Abhandl. K. Akad. Wiss., Berlin, p. 284, pl. 1, f. 3, 1836. "Per Africam totam," Cape of Good Hope, Senegambia, Abyssinia, Barbary.

*Rhabdogale mustelina* Wagner, Schreber's Säugthiere, Suppl., 2: 219, pl. 133A, 1841. Cape of Good Hope.

*Zorilla variegata* Lesson, Nouv. Tabl. Règne Anim., Mammif., p. 7, Nov. 1842. Cape of Good Hope, Senegal, Abyssinia.

*Zorilla zorilla* Trouessart, Cat. Mamm. Viv. Foss., pt. 2, p. 258, 1897. South Africa, etc.

ICTONYX STRIATUS ALBESCENS Heller

*Ictonyx capensis albescens* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 13, 16 Sept. 1913. Mt. Lololokwi, northern Guaso Nyiro district, Kenya Colony.

ICTONYX STRIATUS ELGONIS Granvik

*Ictonyx striatus elgonis* Granvik, Acta Univ. Lundensis, (2) 21: no. 3, p. 13, 1924. Mt. Elgon region, Kenya Colony.

ICTONYX STRIATUS ERYTHRÆ De Winton

*Ictonyx erythræa* (sic) De Winton, Ann. Mag. Nat. Hist. (7) 1: 248, Mar. 1898. Suakin, Red Sea coast, Anglo-Egyptian Sudan.

*Ictonyx erythræa* Anderson and De Winton, Zool. of Egypt, Mamm., p. 240, pl. 37, 1902 (correction of misprint).

Range: Eastern Sudan to southeastern Somaliland.

ICTONYX STRIATUS INTERMEDIUS Anderson and De Winton

*Ictonyx senegalensis intermedia* Anderson and De Winton, Zool. of Egypt, Mamm., p. 242, 1902. "Nile basin."

ICTONYX STRIATUS LANCASTERI Roberts

*Ictonyx striatus lancasteri* Roberts, Ann. Transvaal Mus., 15: 8, 1 Oct. 1932. Choma, Northern Rhodesia.

ICTONYX STRIATUS LIMPOPOENSIS Roberts

*Ictonyx capensis limpopoensis* Roberts, Ann. Transvaal Mus., 5: 265, 16 May 1917. Mooivlei, Rustenburg district, Transvaal.

ICTONYX STRIATUS MAXIMUS Roberts

*Ictonyx striatus maximus* Roberts, Ann. Transvaal Mus., 10: 65, 31 Jan. 1924. Wakkerstroom, South Africa.

ICTONYX STRIATUS OBSCURATUS de Beaux

*Ictonyx capensis obscurata* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 63: 1, July 1924. Lugh, Italian Somaliland.

**ICTONYX STRIATUS PONDOENSIS** Roberts

*Ictonyx striatus pondoensis* Roberts, Ann. Transvaal Mus., 10: 66, 31 Jan. 1924.  
Port St. John's, South Africa.

**ICTONYX STRIATUS SENEGALENSIS** (J. B. Fischer)

*Mustela zorilla* *β. senegalensis* J. B. Fischer, Synopsis Mamm., p. 219, 1829.  
Senegal.

*Zorilla striata* var. *senegalensis* Gray, Proc. Zool. Soc. London, p. 151, June 1865. Senegal. See De Winton, W. E., Ann. Mag. Nat. Hist. (7) 1: 248, Mar. 1898.

**ICTONYX STRIATUS SHOÆ** Thomas

*Ictonyx capensis shoæ* Thomas, Ann. Mag. Nat. Hist. (7) 18: 301, Oct. 1906.  
Addis Ababa, Ethiopia, 8500 ft.

**ICTONYX STRIATUS SHORTRIDGEI** Roberts

*Ictonyx striatus shortridgei* Roberts, Ann. Transvaal Mus., 15: 8, 1 Oct. 1932.  
Maschi River, Caprivi border, Southwest Africa.

**ICTONYX STRIATUS SUDANICUS** Thomas and Hinton

*Ictonyx striatus sudanicus* Thomas and Hinton, Proc. Zool. Soc. London, p. 254, 6 July 1923. Foothills of Jebel Marra, Darfur, Anglo-Egyptian Sudan, 4000 ft.

\* **MELLIVORA** Storr. Ratels or Honey Badgers

*Mellivora* Storr, Prodromus Methodi Mamm., p. 34, tab. A, 1780. Genotype  
*Viverra ratel* Sparrman = *Viverra capensis* Schreber.

*Ratelus* Bennett, Gardens and Menagerie Zool. Soc., 1: Quad., 13, text-f., 1830. Genotype *Ratelus mellivorus* Bennett.

*Ursitaxus* Hodgson, Journ. Asiatic Soc. Bengal, (2) 4: 522, Sep. 1835. Genotype *Ursitaxus inauritus* Hodgson.

*Melitoryx* Gloger, Gemeinnütz. Hand- u. Hilfsbuch Naturg., 1: pp. xxix, 57, 1841. Genotype honey badger of South Africa and India.

*Lipotus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 199, 1843. Genotype *Ursus mellivorus* Cuvier.

**MELLIVORA CAPENSIS CAPENSIS** (Schreber)

*Viverra capensis* Schreber, Säugthiere, 3: 451, 588, pl. 125, 1776. Cape of Good Hope. See Hollister, Proc. Biol. Soc. Washington, 25: 93, 1912.

*Viverra ratel* Sparrman, Kongl. Svenska Vet.-Akad. Handl., Stockholm, 38: 147, 1777. Cape of Good Hope.

*Ursus mellivorus* G. Cuvier, Tabl. Élément. Hist. Nat. des Anim., p. 112, 1798. Cape of Good Hope.

*Ratellus typicus* A. Smith, So. African Quart. Journ., 2: 83, 1833. "South Africa."

## MELLIVORA CAPENSIS ABYSSINICA Hollister

*Mellivora abyssinica* Hollister, Smithsonian Misc. Coll., 56: no. 13, p. 1, 10 Oct. 1910. Near Addis Ababa, Ethiopia; in later report corrected to Suksukki River, which connects Lake Zwai with Lake Horo Schala, 4500–5000 feet.

## MELLIVORA CAPENSIS BROCKMANI Wroughton and Cheesman

*Mellivora brockmani* Wroughton and Cheesman, Ann. Mag. Nat. Hist. (9) 5: 197, Feb. 1920. Upper Sheikh, northern Somaliland.

## MELLIVORA CAPENSIS BUCHANANI Thomas

*Mellivora buchanani* Thomas, Ann. Mag. Nat. Hist. (9) 16: 190, July 1925. Elmiki River, Asben (Aïr), Sahara, French West Africa.

## MELLIVORA CAPENSIS CONCISA Thomas and Wroughton

*Mellivora concisa* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 376, May 1907. Yo, Lake Chad.

## MELLIVORA CAPENSIS COTTONI Lydekker

*Mellivora cottoni* Lydekker, Proc. Zool. Soc. London, 1: 112, pl. 7, 7 June 1906. Eastern fringe of the Ituri forest, near Mawambi, Congo Belge. Probably a melano.

## MELLIVORA CAPENSIS LEUCONOTA P. L. Slater

*Mellivora leuconota* P. L. Slater, Proc. Zool. Soc. London, p. 98, pl. 8, May 1867. "West Africa."

Range: Southern Morocco south to French Congo.

## MELLIVORA CAPENSIS MAXWELLI Thomas

*Mellivora maxwelli* Thomas, Ann. Mag. Nat. Hist. (9) 12: 340, Sep. 1923. Lorian Swamp, Kenya Colony.

## MELLIVORA CAPENSIS SAGULATA Hollister

*Mellivora sagulata* Hollister, Smithsonian Misc. Coll., 56: no. 13, p. 2, 10 Oct. 1910. Mt. Kilimanjaro, Tanganyika Territory, 5000 feet.

For commentary on supposed size characters see Lönnberg, E., Der Honigdachs vom Kilimandscharo, Zool. Anzeiger, 37: 74–75, 31 Jan. 1911.

## MELLIVORA CAPENSIS SIGNATA Pocock

*Mellivora signata* Pocock, Proc. Zool. Soc. London, p. 394, pl. 61, 23 Aug. 1909. About 100 miles inland from Sierra Leone.

## MELLIVORA CAPENSIS VERNAYI Roberts

*Mellivora capensis vernayi* Roberts, Ann. Transvaal Mus., 15: 7, 1 Oct. 1932. Kwai, Mababe Flats, northern Bechuanaland.



## MUSTELA Linnæus. Weasels and Stoats

- Mustela* Linnæus, Syst. Nat., ed. 10, 1: 45, 1758. Genotype (nine species originally included) *Mustela erminea* Linnæus.
- Arctogale* Kaup, Entw.-Gesch. u. Naturl. Syst. Europ. Thierwelt, 1: 30, 1829. Genotype *Mustela erminea* Linnæus.
- Gale* Wagner, Schreber's Säugthiere, Suppl., 2: 234, 1841. As a subgenus of *Mustela*, to include *M. frenata* Lichtenstein, *M. erminea* Linnæus, *M. boccamela* Bechstein, *M. vulgaris* Erxleben.
- Neogale* Gray, Proc. Zool. Soc. London, p. 114, June 1865. As a subgenus, type not specified; included *Mustela brasiliensis* Sevastianoff, *M. aureo-ventris* Gray, *M. xanthogenys* Gray.
- Gymnopus* Gray, Proc. Zool. Soc. London, p. 120, June 1865. Genotype *Mustela africana* Desmarest.
- Mustelina* Bogdanov, Proc. Imp. Univ. Kazan, 1: 167, 1871. Genotype ?
- Eumustela* Acloque, Faune de France, Mamm., p. 62, 1900. As a section of *Mustela*, to include *M. vulgaris* Linnæus and *M. erminea* Linnæus; no type designated.

See Barrett-Hamilton, G. E. H. Note on the weasel, *Putorius (Ictis) nivalis*, Linn., and some of its subspecies. Ann. Mag. Nat. Hist., (7) 5: 41-50, Jan. 1900.

## MUSTELA NIVALIS SUBPALMATA (Hemprich and Ehrenberg)

- Mustela subpalmata* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio k, p. 2, Sep. 1832. In houses, Cairo and Alexandria, Egypt. Status: see Thomas, O., Proc. Zool. Soc. London, p. 128-131, June 1895.

## MUSTELA NUMIDICA (Pucheran)

- Putorius numidicus* Pucheran, Rev. et Mag. de Zool., 1855, p. 393. Morocco and Algeria; (fixed as Tangiers by Cabrera).
- Putorius nivalis atlas* Barrett-Hamilton, Ann. Mag. Nat. Hist. (7) 13: 323, Apl. 1904. Atlas Mountains of Morocco.
- Putorius nivalis siculus* Barrett-Hamilton, Ann. Mag. Nat. Hist. (7) 5: 46, Jan. 1900 (in part). Marsala, Sicily.
- Putorius ermineus algericus* Thomas, Ann. Mag. Nat. Hist. (6) 15: 451, May 1895. Near Algiers, Algeria.
- Mustela erminea*, var. 1, *africana* Gray, Proc. Zool. Soc. London, p. 111, June 1865 (not of Desmarest). Algiers.
- Range: Sicily and Algeria (to Oran Province).

Note: *Mustela africana* Desmarest (Nouv. Dictionnaire d'Hist. Nat., 19: 376, 1818) said to be "d'Afrique," is shown to have been based on a species from South America by Cabrera (Bol. Soc. Real Española. Hist. Nat., Madrid, 13: 428, 1913; 14: 176, pl. 1, 1914).

## Subgenus PUTORIUS Cuvier. Polecats and Ferrets

*Putorius* Cuvier, Règne Animale, ed. 1, 1: 147, 1817. As a subgenus, to include eight species; type *Mustela putorius* Linnaeus.

*Fatorius* Keyserling and Blasius, Wirbelthiere Europa's, p. 68, 1840. Genotype not indicated; seven species included.

*Cynomyonax* Coues, U. S. Geol. Surv. Terr., Misc. Publ. no. 8, "Fur-bearing Animals," p. 99, 1877. As a subgenus of *Putorius*; type *Putorius nigripes* Audubon and Bachman.

MUSTELA PUTORIUS FURO Linnaeus. The Ferret

*Mustela furo* Linnaeus, Syst. Nat., ed. 10, 1: 46, 1758. "Africa."

*Putorius fatidus* var. *subfuro* Gray, Proc. Zool. Soc. London, p. 110, June 1865. Bred in captivity.

*Putorius putorius furo* Pocock, Proc. Zool. Soc. London, p. 692, 25 Sept. 1936.

Range: Mountains of the extreme west of the Rif, from Nekor River to Gomara in east of Yebala. Now reared and introduced to Europe and elsewhere (see Cabrera, A., in Los mamíferos de Marruecos, p. 136, 1932.)

## PÆCILICTIS Thomas and Hinton

*Pæcilictis* Thomas and Hinton, Ann. Mag. Nat. Hist. (9) 5: 367, Apl. 1920. Genotype *Mustela libyca* Hemprich and Ehrenberg.

Review: Thomas, O., and Hinton, M.A.C. On the group of African zorils represented by *Ictonyx libyca*. Ann. Mag. Nat. Hist. (9) 5: 367-369, Apl. 1920.

PÆCILICTIS LIBYCA LIBYCA (Hemprich and Ehrenberg)

*Mustela libyca* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio k, p. 2, Sep. 1832. Libya, northern Africa.

Range: Lower Egypt.

PÆCILICTIS LIBYCA MULTIVITTATA (Wagner)

*Rhabdogale multivittata* Wagner, Schreber's Säugthiere, Suppl., 2: 221, footnote, pl. 133B, 1841. Upper Nile (Pruner, coll.).

*Ictonyx frenata* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 212, pl. 4, f. 1, 1843. Sennaar.

PÆCILICTIS LIBYCA ORALIS Thomas and Hinton

*Pæcilictis oralis* Thomas and Hinton, Ann. Mag. Nat. Hist. (9) 5: 368, Apl. 1920. Suakin, Egypt.

*Mephitis africana*, var.  $\beta$ . Lichtenstein, Abh. K. Akad. Wiss., Berlin, p. 284, pl. 1, f. 3, 1836.

**PÆCILICTIS LIBYCA ROTHSCILDI** Thomas and Hinton

*Pæcilictis rothschildi* Thomas and Hinton, *Novitates Zool.*, 27: 316, 15 June 1920. Farniso, near Kano, northern Nigeria.

**PÆCILICTIS LIBYCA VAILLANTII** (Loche)

*Zorilla vailantiæ* Loche, *Rev. et Mag. de Zool.*, (2) 8: 497, pl. 22, Nov. 1856. Algeria.

Range: Algeria and Tunis.

**PÆCILOGALE** Thomas

*Pæcilogale* Thomas, *Ann. Mag. Nat. Hist.* (5) 11: 370, text-fig., 1 May 1883. Genotype *Zorilla albinucha* Gray.

**PÆCILOGALE ALBINUCHA ALBINUCHA** (Gray)

*Zorilla albinucha* Gray, *Proc. Zool. Soc. London*, p. 69, pl. 10, July 1864. Locality unknown, but Cape of Good Hope may be assumed.

**PÆCILOGALE ALBINUCHA BECHUANÆ** Roberts

*Pæcilogale albinucha bechuanæ* Roberts, *Ann. Transvaal Mus.*, 14: 226, 28 July 1931. Vryburg, South Africa.

**PÆCILOGALE ALBINUCHA DOGGETTI** Thomas and Schwann

*Pæcilogale doggetti* Thomas and Schwann, *Abstr. Proc. Zool. Soc. London*, no. 6, p. 22, 26 Apl. 1904; *Proc. Zool. Soc. London*, 1: 460, 2 Aug. 1904. Burumba, Ankole, southwestern Uganda.

**PÆCILOGALE ALBINUCHA FLAVISTRIATA** (Bocage)

*Zorilla flavistriata* Bocage, *Proc. Zool. Soc. London*, p. 402, Oct. 1865. Duque de Braganca district, Angola. (Proposed on the basis of Angola specimens, as a substitute for *albinucha*, but may represent a distinct race.)

*Zorilla africana* Peters, *Proc. Zool. Soc. London*, p. 400, Oct. 1865 (nomen nudum). Golungo Alto, Angola.

**PÆCILOGALE ALBINUCHA LEBOMBO** Roberts

*Pæcilogale albinucha lebombo* Roberts, *Ann. Transvaal Mus.*, 14: 226, 28 July 1931. Ubombo, northern Zululand, South Africa.

**PÆCILOGALE ALBINUCHA TRANSVAALENSIS** Roberts

*Pæcilogale albinucha transvaalensis* Roberts, *Ann. Transvaal Mus.*, 11: 247, 14 Sep. 1926. Tzaneen, northeastern Transvaal.

**Subfamily LUTRINÆ. Otters**

Review: Pohle, H. Die Unterfamilie der Lutrinæ. (Eine systematisch-tergeographische Studie an dem Material der Berliner Museen.) *Arch. f. Naturgesch.*, 85: sect. A, no. 9, p. 1-246, 19 text-figs., 10 pls., Dec. 1920.

## AONYX Lesson. Clawless Otters

*Aonyx* Lesson, Manuel de Mammalogie, p. 157, 1827. Genotype *Aonyx delalandi* Lesson = *Lutra capensis* Schinz.

*Anahyster* Murray, Proc. Roy. Phys. Soc. Edinburgh, 2: 157, 1860. Genotype *Anahyster calabaricus* Murray = *Aonyx capensis* (Schinz).

## AONYX CAPENSIS CAPENSIS (Schinz)

*Lutra capensis* Schinz, Cuvier's Thierreich, 1: 214, 1821. Cape Colony.

*Lutra inunguis* G. Cuvier, Dictionnaire des Sci. Nat., 27: 247, 1823. Cape of Good Hope.

*Aonyx delalandi* Lesson, Manuel de Mammalogie, p. 157, 1827. Cape of Good Hope.

*Lutra poensis* Waterhouse, Proc. Zool. Soc. London, p. 60, July 1838. Fernando Po.

*Anahyster calabaricus* Murray, Proc. Roy. Phys. Soc. Edinburgh, 2: 158, 1860. Old Calabar, West Africa.

*Lutra lenoiri* Rochebrune, Vert. Nouv. Afr. Occid., ser. 3, p. 9, 1888 (fide Trouessart, Cat. Mamm. Viv. Foss., ed. 1, pt. 2, p. 285, 1897). Senegal.

## AONYX CAPENSIS ANGOLÆ Thomas

*Aonyx capensis angolæ* Thomas, Ann. Mag. Nat. Hist. (8) 1: 388, May 1908. Coporole River, Angola, lat. 13° S.

## AONYX CAPENSIS COOMBSI Roberts

*Aonyx capensis coombi* Roberts, Ann. Transvaal Mus., 11: 246, 14 Sep. 1926. Hennops River, Pretoria, Transvaal.  
For Cecil Coombs, coll.

## AONYX CAPENSIS HELIOS Heller

*Aonyx capensis helios* Heller, Smithsonian Misc. Coll., 61: no. 19, p. 1, 8 Nov. 1913. Sotik district, 40 miles southwest of Kericho, Kenya Colony.

## AONYX CAPENSIS HINDEI (Thomas)

*Lutra capensis hindei* Thomas, Ann. Mag. Nat. Hist. (7) 15: 78, Jan. 1905. Fort Hall, Kenya Colony.

## AONYX CAPENSIS MENELEKI (Thomas)

*Lutra capensis meneleki* Thomas, Proc. Zool. Soc. London, for 1902, 2: 309, 1 Apl. 1903. Zegi, Lake Tsana, Abyssinia, 4000 ft.

## LUTRA Brisson. River Otters

*Lutra* Brisson, Regnum Animale in classes IX distrib., ed. 2, 13: 201, 1762.

Genotype *Lutra lutra* Brisson = *Mustela lutra* Linnæus.

*Hydrogale* Gray, Proc. Zool. Soc. London, p. 131, fig. of skull, June 1865 (not *Hydrogale* Kaup, 1829). Genotype *Lutra maculicollis* Lichtenstein.

## Subgenus LUTRA Brisson

LUTRA LUTRA ANGUSTIFRONS Lataste

*Lutra angustifrons* Lataste, Actes Soc. Linn. de Bordeaux, (4) 9: 168, 237, 1885. Algeria.

*Lutra lutra splendida* Cabrera, Bol. Real Soc. Españ. Hist. Nat., Madrid, 6: 360, July 1906. Mogador, Morocco.

## Subgenus HYDRICTIS Pocock

*Hydrictis* Pocock, Proc. Zool. Soc. London, p. 543, 9 Sep. 1921. Genotype

*Lutra maculicollis* Lichtenstein. Although Pocock regards this as a distinct genus, it may better be retained as a subgenus.

LUTRA MACULICOLLIS MACULICOLLIS Lichtenstein

*Lutra maculicollis* Lichtenstein, Arch. f. Naturgesch., for 1835, 1: 89, pl. 2, f. 1, 1835. "Aus dem Kafferlande," i.e., South Africa.

*Lutra grayii* Gerrard, Cat. Bones of Mammalia in Brit. Mus., p. 101, 1862 (nomen nudum). Port Natal, South Africa.

LUTRA MACULICOLLIS CHOBIENSIS Roberts

*Lutra malculicollis* (sic) *chobiensis* Roberts, Ann. Transvaal Mus., 15: 7, 1 Oct. 1932. Kabulabula, Chobe River, Bechuanaland, South Africa.

LUTRA MACULICOLLIS KIVUANA Pohle

*Lutra maculicollis kivuana* Pohle, Arch. f. Naturgesch., for 1919, 85: sect. A, no. 9, p. 46, 50, f. 5, Dec. 1920. Kissenji, Lake Kivu, Tanganyika Territory.

LUTRA MACULICOLLIS MATSCHIEI Cabrera

*Lutra matschiei* Cabrera, Bol. Soc. Española Hist. Nat., Madrid, 3: 182, Apl. 1903. Muni River, northern Gaboon.

*Lutra maculicollis matschiei* Thomas, Ann. Mag. Nat. Hist. (8) 8: 726, Dec. 1911; "unrecognizable from the description" (J. A. Allen) probably = *L. maculicollis*.

LUTRA MACULICOLLIS NILOTICA Thomas

*Lutra concolor* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 55, 1902 (pre-occupied by *Lutra concolor* Rafinesque, 1832, from India). Addis Ababa, Ethiopia.

*Lutra maculicollis nilotica* Thomas, Ann. Mag. Nat. Hist. (8) 8: 726, Dec. 1911  
Upper Nile, Malek, south of Bor, Anglo-Egyptian Sudan.

#### LUTRA MACULICOLLIS TENUIS Pohle

*Lutra tenuis* Pohle, Arch. f. Naturgesch., for 1919, 85: sect. A, no. 9, p. 53,  
Dec. 1920. Lake Mohasi, Ruanda district, eastern Congo Belge.

*Lutra maculicollis mutandæ* Hinton, Ann. Mag. Nat. Hist. (9) 7: 368, Apl. 1921.  
Lake Mutanda, British Ruanda.

Range: British Ruanda into Uganda.

#### PARAONYX Hinton

*Paraonyx* Hinton, Ann. Mag. Nat. Hist. (9) 7: 195, Feb. 1921. Genotype *Paraonyx philippsi* Hinton.

#### PARAONYX CONGICA (Lönnberg)

*Aonyx capensis congica* Lönnberg, Arkiv f. Zool., 7: no. 9, p. 1, text-f. 1a, 2a,  
15 Dec. 1910. "Lower Congo."

*Paraonyx congica* Hinton, Ann. Mag. Nat. Hist. (9) 7: 198, Feb. 1921.

#### PARAONYX MICRODON (Pohle)

*Aonyx microdon* Pohle, Arch. f. Naturgesch., 85: sect. A, pt. 9, p. 145, Dec.  
1920. Bomse, Nana River, Cameroons.

#### PARAONYX PHILIPPSI Hinton

*Paraonyx philippsi* Hinton, Ann. Mag. Nat. Hist. (9) 7: 196, Feb. 1921. South-  
western Lake Bunyonyi, British Ruanda, Central Africa, lat. 1° 20' S.,  
long. 29° 50' E.

### Family CANIDÆ. Dogs, Jackals, Foxes

See De Winton, W. E. On the species of Canidæ found on the continent of  
Africa. Proc. Zool. Soc. London, p. 533-552, 13 text-figs., Oct. 1899.

#### FENNECUS Desmarest. Fennec

*Fennecus* Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: tabl. méthodique d.  
mamm., p. 18, 1804; Nouv. Dictionnaire d'Hist. Nat., 11: 341, 1817.

Genotype *Fennecus arabicus* Desmarest = *Canis zerda* Zimmermann.

*Megalotis* Illiger, Prodromus Syst. Mamm. et Avium, p. 131, 1811. Genotype  
*Canis cerdo* Gmelin = *C. zerda* Zimmermann.

*Canis*, *Megalotis*, *Viverra*, *Vulpes*, in part, of older authors.



## FENNECUS ZERDA (Zimmermann)

*Vulpes minimus saarensis* Skjöldebrand, Kongl. Svenska Vet.-Akad. Handl., Stockholm, 38: 267, pl. 6, 1777. Algerian Sahara, on the farther side of the Atlas Mts.

This name if considered valid, would supersede *Canis zerda*, but although the author states that he wishes to include the animal in the Linnæan system, he gives a trinomial name.

*Canis zerda* Zimmermann, Geograph. Geschichte, 2: 247, 1780. Sahara and other regions back of the Atlas Mts., and in Tripoli.

*Canis cerdo* Gmelin, Linnæus's Syst. Nat., ed. 13, 1: 75, 1788. Desert of Sahara.

*Viverra aurita* F. A. A. Meyer, Syst.-summarisch. Uebersicht d. Entdeckungen in Neu-Holland u. Africa, p. 91, 1793. Biskra, Beni Mezzab and Weryleh, Algeria.

*Fennecus arabicus* Desmarest, Dictionnaire d' Hist. Nat., ed. 1, 24: tabl. méthodique d. mamm., p. 18, 1804; Nouv. Dictionnaire d'Hist. Nat., 11: 342, 1817. Barbary, Nubia, Abyssinia.

*Fennecus brucei* Desmarest, Encyclop. Méthodique, Mammalogie, p. 235, 1820. Libya, Tunis, Algeria and Sennaar.

*Canis fennecus* Lesson, Manuel de Mammalogie, p. 168, 1827. "l'Afrique centrale."

*Vulpes denhami* Boitard, Le Jardin des Plantes, p. 163, 1842. "L'intérieur de l'Afrique."

*Vulpes zaarensis* Gray, List. Spec. Mamm. Brit. Mus., p. 62, 13 May 1843. Egypt.

*Megalotis fennecus* Knight, Pict. Mus. Anim. Nature, p. 207, circa 1860.

## LYCAON BROOKES. Hunting Dog

*Lycaon* Brookes, in Griffith's Cuvier's Animal Kingdom, 5: 151, 1827. Genotype *Lycaon tricolor* Brookes = *Hyæna picta* Temminck.

*Cynhyæna* F. Cuvier, Dictionnaire des Sci. Nat., 59: 454, 1829. Genotype *Hyæna picta* Temminck.

*Hyenoides* Boitard, Le Jardin des Plantes, p. 163, 1842. Genotype *Hyæna picta* Temminck.

*Hyænoides* Gervais, Hist. Nat. des Mammifères, 2: 53, 1855 (variant of *Hyenoides*).

## LYCAON PICTUS PICTUS (Temminck)

*Hyæna picta* Temminck, Ann. Gén. Sci. Phys., 3: 54, pl. 35, 1820. Coast of Mozambique.

*Canis (Lycaon) tricolor* Brookes, in Griffith's Cuvier's Animal Kingdom, 5: 151, 1827. Cape of Good Hope.

*Lycaon typicus* A. Smith, South African Quart. Journ., 2: 91, 1833.

*Lycaon windhorni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin p. 378, Oct. 1915. Rustenburg, Transvaal.

## LYCAON PICTUS LUPINUS Thomas

*Lycaon pictus lupinus* Thomas, Ann. Mag. Nat. Hist. (7) 9: 439, June 1902.

Nyuki River Swamp, Rift Valley, Kenya Colony, 2000 m.

*Lycaon pictus prageri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 250, Apl. 1912; p. 311, May 1912. Nzoia River, Uasin Gishu plateau south of Mt. Elgon, Kenya Colony.

*Lycaon lademanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 315, Oct. 1915. Mbarangandu, near Ssongea-Liwale Road, Tanganyika Territory.

*Lycaon ssongeæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 317, Oct. 1915. Ussangire, 14 km. west-southwest of Ssongea, headwaters of the Rovuma, Tanganyika Territory.

*Lycaon hennigi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 320, Oct. 1915. Makangaga, 40 km. west of Kilwa, Tanganyika Territory.

*Lycaon stierlingi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 323, Oct. 1915. Upper Rijuni, Ssongea district, Tanganyika Territory (about 30 km. from source of the Mbarangandu-Luwegu).

*Lycaon huebneri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 326, Oct. 1915. Kibwesi, Kenya Colony.

*Lycaon ruwanæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 328, Oct. 1915. Ruwana Plains, northeast of Speke Gulf, Tanganyika Territory.

*Lycaon kondoe* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 331, Oct. 1915. Bubui, near Kondoa-Irangi, Tanganyika Territory.

*Lycaon langheldi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 333, Oct. 1915. Njawa, Ussongo, northeast of Tabora, in the western Wembære Plains, Tanganyika Territory.

*Lycaon dieseneri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 336, Oct. 1915. Myombo forest, between Usinsa and East Ussuwi, south of Victoria Nyanza, Tanganyika Territory.

*Lycaon gansseri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 340, Oct. 1915. Tabora district, Tanganyika Territory.

*Lycaon taboræ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 344, Oct. 1915. Tabora district, Tanganyika Territory.

*Lycaon wintgensii* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 347, Oct. 1915. Luegere River, Kungue Bay, east shore of Lake Tanganyika, Tanganyika Territory.

*Lycaon richteri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 350, Oct. 1915. Dar-es-Salaam, Tanganyika Territory.

*Lycaon styxi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 352, Oct. 1915. Mpwapwa, Tanganyika Territory.

## LYCAON PICTUS MANGUENSIS Matschie

*Lycaon manguensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 364, Oct. 1915. Djannaga, north of Sansanne Mangu, near the Oti, (Togo) northern Dahomey.

*Lycaon mishchichi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 366, Oct. 1915. Northern part of Kete-Kratschi district, probably Bimbila, between the Oti and Daka, (Togo) northern Dahomey.

LYCAON PICTUS SHARICUS Thomas and Wroughton

*Lycaon pictus sharicus* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 375, May 1907. Mani, lower Shari River, east of Lake Chad.

*Lycaon ebermaieri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 369, Oct. 1915. Lake Chad region (probably from near Dikoa).

According to Heim de Balsac (Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 392-393, 1936) specimens from Tanezrouft, Algeria, have larger bullæ and may indicate that the form of the southern and central Sahara is a distinct race, to which possibly the above name is applicable.

LYCAON PICTUS SOMALICUS Thomas

*Lycaon pictus somalicus* Thomas, Ann. Mag. Nat. Hist. (7) 14: 98, Aug. 1904. Gorahai, Somaliland.

*Lycaon rüppelli* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 315, Oct. 1915. Bajuda Steppe region, Anglo-Egyptian Sudan (based on Rüppell's plate 12).

*Lycaon luchsingeri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 355, Oct. 1915. Edaballa, Mulu, near Hawash River, Ethiopia.

*Lycaon zedlitzii* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 358, Oct. 1915. Scetel River, on plains southeast of Agordat, Eritrea.

*Lycaon takanus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 360, Oct. 1915. Near Khor el Gasch, Taka district, Anglo-Egyptian Sudan.

LYCAON PICTUS VENATICUS (Burchell)

*Hyæna venatica* Burchell, Travels in Interior So. Africa, 1: 456, 1822; 2: 229, 1824. Northeast of Asbestos Range, upper Orange River.

*Lycaon pictus venaticus* Thomas, Ann. Mag. Nat. Hist. (7) 9: 438, May 1902.

*Lycaon lalandei* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 310, Oct. 1915. Between Cape Town and Keiskama River, South Africa.

*Lycaon fuchsi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 371, Oct. 1915. Rio Cubal, Benguella, Angola.

*Lycaon gobabis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 373, Oct. 1915. Gobabis, Southwest Africa.

*Lycaon krebsi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 376, Oct. 1915. Near Baviaans Kloof, Cape Colony.

LYCAON PICTUS ZULUENSIS Thomas

*Lycaon pictus zuluensis* Thomas, Ann. Mag. Nat. Hist. (7) 14: 98, footnote, Aug. 1904. Pongola River, Zululand, Natal.

## OTOCYON Müller. Big-eared Foxes

- Otocyon* Müller, Jahresber. über die Fortschritte d. anat.-phys. Wiss., 1835, p. 1 (Roman numeral), with Arch. f. Anat. u. Phys., 1836. Genotype *Otocyon caffer* Lichtenstein = *Canis megalotis* Desmarest.
- Agriodius* Hamilton Smith, Jardine's Naturalist's Library, Mamm., 10: 258, 1840. As a subgenus of *Canis*; type *Agriodius auritus* H. Smith = *Canis megalotis* Desmarest.

## OTOCYON MEGALOTIS MEGALOTIS (Desmarest)

- Canis megalotis* Desmarest, Encyclop. Méthodique, Mammalogie, suppl., p. 538, 1821. Cape of Good Hope.
- Canis lalandi* Desmoulins, Dictionnaire Class. d'Hist. Nat., 4: 18, pl. 15, f. 2, 1823. "Cafrérie," = South Africa.
- Otocyon caffer* Wiegmann, Arch. f. Naturgesch., 4: sect. 1, p. 290, 1838. No locality.
- Agriodius auritus* Hamilton Smith, Jardine's Naturalist's Library, Mamm., 10: 260, pl. 23, 1840. Cape of Good Hope.

## OTOCYON MEGALOTIS CANESCENS Cabrera

- Otocyon canescens* Cabrera, Ann. Mag. Nat. Hist. (8) 6: 462, Nov. 1910. Ten miles south of Burao, Somaliland.
- Range: Interior plateau of Somaliland.

## OTOCYON MEGALOTIS STEINHARDTI Zukowsky

- Otocyon steinhardti* Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 52, 3 text-ff., July 1924. Goreis, Ugab Mts., 45 km. west of Outjo, Southwest Africa.

## OTOCYON MEGALOTIS VIRGATUS Miller

- Otocyon virgatus* Miller, Smithsonian Misc. Coll., 52: 485, pl. 60-62, 18 Dec. 1909. Naivasha Station, Kenya Colony.

## SIMENIA Gray. Simenian Fox

- Simenia* Gray, Proc. Zool. Soc. London, for 1868, pp. 494, 506, Mar. 1869. Genotype *Canis simensis* Rüppell.

## SIMENIA SIMENSIS SIMENSIS (Rüppell)

- Canis simensis* Rüppell, Neue Wirbelth. zu Fauna Abyssinien gehörig, Säugeth., 1: 39, pl. 14, 1835. Mountains of Simen, Ethiopia.
- Canis sinus* Gervais, Hist. Nat. des Mammifères, 2: 58, 1855.
- Canis walgie* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 30: no. 2, suppl., p. 3, 1863. Simeen, Ethiopia, above 10,000 feet.
- Canis semiensis* Heuglin, Reise in Nordost-Afrika, 2: 48, 1877. Semién, Vogara, south to Wolo-Gala, Ethiopia.

## SIMENIA SIMENSIS CITERNII (de Beaux)

*Canis (Simenia) simensis citernii* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 61: 25, Feb. 1922. Barofa, Arussi, Ethiopia.

## THOS Oken. Jackals

On the characters of *Thos*, see Heller, E., Smithsonian Misc. Coll., 63: no. 7, p. 1-3, 24 June 1914.

*Thos* Oken, Lehrbuch d. Naturgesch., zool., sect. 3, pt. 2, p. 1037, 1816. Type by subsequent designation, *Thos vulgaris* Oken = *Canis aureus* Linnæus.

*Vulpicanis* Blainville, Ann. des Sci. Nat., Zool., (2) 8: 279, 1837. Genotype *Canis aureus* Linnæus.

According to Cabrera (Trabajos Mus. Nac. de Ciencias Nat., Madrid, zool. ser., no. 57, p. 106, 30 Dec. 1932) this name should replace *Thos*, which he regards as invalid on the ground that Oken is not binomial.

*Sacalius* Hamilton Smith, Jardine's Naturalist's Libr., Mamm., 9: 206, 1839.

As a subgenus, type *Canis aureus* Linnæus.

*Oxygoüs* Hodgson, Calcutta Journ. Nat. Hist., 2: 213, July 1841. Genotype *Oxygoüs indicus* Hodgson = *Canis pallipes* Sykes.

*Dieba* Gray, Cat. Carniv., Pachyderm. and Edentate Mamm. Brit. Mus., p. 180, 189, 1869. Genotype *Dieba anthus* = *Canis anthus* F. Cuvier.

*Lupulella* Hilzheimer, Zool. Beobachter, 47: 363, Dec. 1906. Genotype *Thos mesomelas* (Schreber).

*Schæffia* Hilzheimer, Zool. Beobachter, 47: 364, Dec. 1906. Subgenus of *Thos* to include *Canis adustus*, *C. lateralis*, *C. kaffensis*.

*Alopedon* Hilzheimer, Zool. Beobachter, 47: 365, Dec. 1906. As a subgenus, type *Canis thooides* Hilzheimer = *Canis anthus* Cretzschmar, not of Cuvier.

## THOS ADUSTUS ADUSTUS (Sundevall). Side-striped Jackal

*Canis adustus* Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 121, 1846. In Caffraria interiore.

*Canis holubi* Lorenz, Verh. K. K. Zool.-Bot. Ges. Wien, 45: 111, 1895. Leshumo Valley, near Victoria Falls, western Matabeleland, Rhodesia.

*Canis wunderlichi* Noack, Zool. Anzeiger, 20: 519, 27 Dec. 1897. Probably southeastern Africa.

## THOS ADUSTUS BWEHA Heller

*Thos adustus bweha* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 2, 3, 24 June 1914. Kisumu, Kenya Colony.

## THOS ADUSTUS CENTRALIS (Schwarz)

*Canis adustus centralis* Schwarz, Jahrb. d. Nassauischen Ver. f. Naturk., Wiesbaden, 68: 60, pl. 12, f. 1; pl. 13, 1915. Bate, Cameroons.

## THOS ADUSTUS GRAYI (Hilzheimer)

*Canis lupaster grayi* Hilzheimer, Zool. Beobachter, 47: 367, Dec. 1906. Morocco and Tunis.

*Canis studeri* Hilzheimer, Zool. Beobachter, 47: 368, Dec. 1906. Tunis.

## THOS ADUSTUS KAFFENSIS (Neumann)

*Canis kaffensis* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 53, 1902. Anderatscha, Kaffa, southwestern Ethiopia.

## THOS ADUSTUS LATERALIS (P. L. Sclater)

*Canis lateralis* P. L. Sclater, Proc. Zool. Soc. London, p. 279, pl. 23, Nov. 1870. Rio Fernand Vaz, south of Gaboon.

## THOS ADUSTUS NOTATUS Heller

*Thos adustus notatus* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 2, 4, 24 June 1914. Loita Plains, Kenya Colony.

## THOS AUREUS ALGIRENSIS (Wagner). Algerian Jackal

*Canis aureus algirensis* Wagner, Schreber's Säugth., Suppl., 2: 384, 1841. Algeria (based on I. Geoffroy, Expéd. Sci. de Morée, p. 22, 1833).

*Canis aureus tripolitanus* Wagner, Schreber's Säugth., Suppl., 2: 384, 1841. No locality; Tripoli, Tunis, implied.

A valid race according to Cabrera (Trabajos Mus. Nac. de Ciencias, Madrid, zool. ser., no. 57, p. 107, 30 Dec. 1932), but the status of all the named African races of *Thos aureus* is still in much need of revision; see especially, Schwarz, E., Ueber Typenexemplare von Schakalen, Senckenbergiana (Frankfurt), 8: 34-47, 10 Mar. 1926.

## THOS AUREUS ANTHUS (F. Cuvier). Senegalese Jackal

[*Canis*] *anthus* F. Cuvier, Hist. Nat. des Mammifères, pt. 17, pl. 173 and text, June 1820. Senegal. Status uncertain.

*Thos senegalensis* Hamilton Smith, Jardine's Naturalist's Library, Mamm., 9: 201, pl. 13, 1839. Senegal.

## THOS AUREUS BEA Heller. East African Jackal

*Thos aureus bea* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 2, 5, 24 June 1914. Loita Plains, Kenya Colony.

## THOS AUREUS LUPASTER (Hemprich and Ehrenberg). Egyptian Jackal

*Canis lupaster* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio ff, Nov. 1832. Fayum, Egypt.

*Canis sacer* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio ff, Nov. 1832. Fayum, Egypt.



THOS AUREUS MAROCCANUS Cabrera. Moroccan Jackal

*Thos lupaster maroccanus* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 21: 263, 14 Oct. 1921. Mogador, Morocco.

THOS AUREUS NUBIANUS Cabrera. Nubian Jackal

*Canis variegatus* Cretzschmar, Rüppell's Atlas zu d. Reise im Nördlich. Afrika, Säugeth., p. 31, pl. 10, 1826. Nubia and upper Egypt.

*Thos aureus nubianus* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 21: 264, 14 Oct. 1921. New name in place of *Canis variegatus* Cretzschmar, not *C. familiaris variegatus* Gmelin, 1788.

THOS AUREUS RIPARIUS (Hemprich and Ehrenberg). Red Sea Jackal

*Canis riparius* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, fol. ff, Nov. 1832. Coast of Abyssinia, near Arkiko.

*Canis hagenbecki* Noack, Zool. Garten, 27: 234, Aug. 1886; Zool. Anzeiger, 20: 518, 27 Dec. 1897. Somaliland.

*Canis mensesi* Noack, Zool. Anzeiger, 20: 518, 27 Dec. 1897. Coast of Somaliland.

*Canis somalicus* Lorenz, Anzeiger K. K. Akad. Wiss. Wien, math.-nat. Klasse, 43: 306, 1906. Ireso, near Agada, Somaliland.

THOS AUREUS SOUDANICUS (Thomas). Sudanese Jackal

*Canis anthus soudanicus* Thomas, Proc. Zool. Soc. London, 1: 295, Aug. 1903. El Obeid, Kordofan.

According to Schwarz, this is probably, with the following synonyms, the same as *Thos aureus nubianus* Cabrera.

*Canis doederleini* Hilzheimer, Zool. Anzeiger, 30: 116, 17 Apl. 1906. Upper Egypt.

*Canis thooides* Hilzheimer, Zool. Beobachter, 47: 364, Dec. 1906. Sennaar.

THOS GALLAENSIS (Lorenz)

*Canis gallaënsis* Lorenz, Anzeiger K. K. Akad. Wiss. Wien, math.-nat. Klasse, 43: 307, 1906. Ginea, Arussi, Ethiopia. Status uncertain.

THOS LAMPERTI (Hilzheimer)

*Canis mensesi lamperti* Hilzheimer, Zool. Beobachter, 47: 371, Dec. 1906. ?Somaliland. Status uncertain.

THOS MESOMELAS MESOMELAS (Schreber). Black-backed Jackal

*Canis mesomelas* Schreber, Säugthiere, 3: 370, 586, pl. 95, 1778. Cape of Good Hope.

*Canis variegatoides* A. Smith, So. African Quart. Journ., 2: 87, 1834.

THOS MESOMELAS ACHROTES Thomas

*Thos mesomelas achrotes* Thomas, Proc. Zool. Soc. London, p. 295, 29 Apl. 1926. Rooibank, Kuisib River, Southwest Africa.

## THOS MESOMELAS ARENARUM Thomas

*Thos mesomelas arenarum* Thomas, Proc. Zool. Soc. London, p. 295, 29 Apl. 1926. Berseba, Southwest Africa.

## THOS MESOMELAS ELGONÆ Heller

*Thos mesomelas elgonæ* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 3, 6, 24 June 1914. Guas Ngishu plateau, Kenya Colony.

## THOS MESOMELAS MCMILLANI Heller

*Thos mesomelas mcmillani* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 3, 6, 24 June 1914. Mtoto Andei, Kenya Colony.

## THOS MESOMELAS SCHMIDTI (Noack)

*Canis mesomelas* var. *schmidtii* Noack, Zool. Anzeiger, 20: 519, 27 Dec. 1897. Interior of Somaliland.

## VULPES Oken. Red Foxes

*Vulpes* Oken, Lehrbuch d. Naturgesch., sect. 3, pt. 2, p. 1033, 1266, 1816. Genotype *Vulpes vulgaris* Oken = *Canis vulpes* Linnæus.

## VULPES CHAMA (A. Smith). Chama Fox

*Canis chama* A. Smith, South African Quart. Journ., 2: 89, 1833. "Namaqualand and the country on both sides of the Orange River," South Africa.

*Megalotis caama* Hamilton Smith, Jardine's Naturalist's Library, Mamm., 9: 236, pl. 19, 1839. South Africa.

*Megalotis hodsoni* Noack, Zool. Anzeiger, 35: 461, 15 Feb. 1910. Transvaal.

## VULPES PALLIDA PALLIDA (Cretzschmar). Sand Fox

*Canis pallidus* Cretzschmar, in Rüppell, Atlas zu d. Reise im Nördlich. Afrika, Säugeth., p. 33, pl. 11, 1826. Kordofan.

? *Canis sabbar* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio ff, Nov. 1832. Dongola.

See Thomas, O. Some notes on the small sand-foxes of North Africa. Ann. Mag. Nat. Hist. (9) 1: 242-245, Mar. 1918.

## VULPES PALLIDA CYRENAICA Festa

*Vulpes cyrenaica* Festa, Boll. Mus. Zool. ed Anat. Comp. Univ. Torino, 36: no. 740, p. 3, 15 Dec. 1921. Near Benghazi, Barka Cyrenaica, Libya.

## VULPES PALLIDA EDWARDSI Rochebrune

*Vulpes edwardsi* Rochebrune, Bull. Soc. Philom., Paris, (7) 7: 8, 1883. Cayor, Oualo, Gandiole, and forests of Gommiers, Senegambia.

**VULPES PALLIDA HARTERTI** Thomas and Hinton

*Vulpes pallida harterti* Thomas and Hinton, Novitates Zool., 28: 4, May 1921.  
Takoukout, Damergou, northern Nigeria, 1550 ft. alt.

*Canis pallidus harterti* Zimara, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Kl., 144: sect. 1, no. 1-2, p. 9, 1935. Gourma-Bahrus, French West Africa.

**VULPES PALLIDA OERTZENI** (Matschie)

*Canis (Cynalopex) pallidus oertzeni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 370, Oct. 1910. Dikoa, northeastern Cameroons (=northern Nigeria).

**VULPES RÜPPELLII RÜPPELLII** (Schinz)

*Canis rüppellii* (sic) Schinz, Cuvier's Thierreich, 4: 508, 1825. Dongola.

*Canis famelicus* Cretzschmar, in Rüppell, Atlas zu d. Reise im Nördlich. Afrika, Säugeth., p. 15, pl. 5, 1826. Nubian desert and Kordofan.

**VULPES RÜPPELLII CÆSIA** Thomas and Hinton

*Vulpes rüppelli cæsia* Thomas and Hinton, Novitates Zool., 28: 5, May 1921.  
South side of Mt. Baguezan, Asben, northern Nigeria, 3300 ft.

**VULPES RÜPPELLII SOMALIÆ** Thomas

*Vulpes rüppelli somaliæ* Thomas, Ann. Mag. Nat. Hist. (9) 1: 244, Mar. 1918.  
Berbera, Somaliland.

**VULPES VULPES ÆGYPTIACA** (Sonnini). Egyptian Red Fox

*Canis ægyptiacus* Sonnini, Nouv. Dictionnaire des Sci. Nat., 6: 524, 1816.  
Egypt.

*Canis niloticus* Desmarest, Encyclop. Méthodique, Mammalogie, p. 204, 1820.  
Egypt.

*Canis anubis* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio ff, Nov. 1832. Fayum, Egypt.

*Canis vulpecula* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio ff, Nov. 1832. Fayum, Egypt.

**VULPES VULPES ATLANTICA** (A. Wagner)

*Canis vulpes*, var. *atlantica* A. Wagner, in M. Wagner, Reisen in d. Regenschaft Algier, 3: 31, 62, pl. 3, 1841. Atlas Mts., Mitiyá, Algeria.

*Vulpes algeriensis* Loche, Cat. Mamm. et Oiseaux observés en Algérie, p. 4, 1858; Explor. Sci. de l'Algérie, Zool., Mamm., p. 21, 1867. Wooded parts of Algeria.

**VULPES VULPES BARBARUS** (Shaw). Barbary Fox

*Canis barbarus* Shaw, General Zool., 1: Mamm., pt. 2, p. 311, 1800. Barbary, i.e. coast of northwestern Africa (based on specimen described by Buffon, Hist. Nat., Suppl., 4: 50, pl. 14, 1778, and Pennant, Hist. Quadrupeds, 1: 260, 1781).

This name, if identifiable, should supersede *V. v. acaab* Cabrera.

*Vulpes vulpes acaab* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 16: 384, Oct. 1916. Marraquex, western Morocco.  
Range: Western Morocco.

**VULPES VULPES DORSALIS** (Gray)

*Canis vulpes dorsalis* Gray, Proc. Zool. Soc. London, for 1837, p. 132, 14 June 1838. Senegal.

Family VIVERRIDÆ. Civets, Mongoose, etc.

Subfamily VIVERRINÆ. Civets, Genets

**CIVETTICTIS** Pocock. African Civets

*Civettictis* Pocock, Proc. Zool. Soc. London, 1: 134, 26 March 1915. Genotype *Viverra civetta* Schreber.

*Viverra* in part, of authors.

**CIVETTICTIS CIVETTA CIVETTA** (Schreber). West African Civet

*Viverra civetta* Schreber, Säugthiere, 3: 418, 587, pl. 111, 1778. "Guinea, Kongo, das Vorgebirge der guten Hofnung und Aethiopien," type locality taken as French Guinea.

*Viverra poortmanni* Pucheran, Rev. et Mag. de Zool. (2) 7: 304, June 1855. Gaboon (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 117, 11 Apl. 1924).

**CIVETTICTIS CIVETTA CONGICA** Cabrera

*Civettictis civetta congica* Cabrera, Mem. Real Soc. Española Hist. Nat., Madrid, 16: 36, footnote, 10 July 1929. Niapu, Congo Belge. Based on the account of *C. c. orientalis* J. A. Allen (not Matschie), Bull. Amer. Mus. Nat. Hist., 47: 109, text-fig. 12-15, pls. 12, 13, 11 Apl. 1924; type, the specimen from Niapu figured in Pl. 12, no. 51811 A.M.N.H.

**CIVETTICTIS CIVETTA SCHWARZI** Cabrera. East African Civet

*Viverra civetta orientalis* Matschie, Arch. f. Naturgesch., 57: sect. A, pt. 1, p. 352, Oct. 1891 (not *Viverra orientalis* Hodgson, 1842, = *V. zibetha* Linnaeus). Zanzibar, Bagamoyo, Tanganyika Territory, of which the former is selected as type locality by Schwarz.

*Viverra megaspila* Noack, Jahrb. Hamburg. Wiss. Anstalt., 9: 124, pl. 1, f.5; pl.2, f.5,6, 1891 (not of Blyth).

*Civettictis civetta schwarzi* Cabrera, Mem. Real Soc. Española Hist. Nat., Madrid, 16: 36, footnote, 10 July 1929 (new name to replace *orientalis* Matschie, preoccupied). Type locality selected as Zanzibar (see Schwarz, Ann. Mag. Nat. Hist. (10) 14: 261, Aug. 1934).

[*Viverra civetta*] *matschiei* Pocock, Journ. Bombay Nat. Hist. Soc., 36: 429, footnote, 15 Apl. 1933, to replace *orientalis*, preoccupied.

## FOSSA Gray. The Foussa

*Fossa* Gray, Proc. Zool. Soc. London, for 1864, p. 518, May 1865. Genotype  
*Fossa daubentonii* Gray = *Viverra fossa* Schreber.

FOSSA FOSSA (Schreber). The Foussa

*Viverra fossa* Schreber, Säugthiere, 3: 424, 587, 1777; pl. 114, 1776 (plate name).  
 Madagascar.

*Viverra fossana* P. L. S. Müller, von Linné, Natur-systems, Suppl., p. 32, 1776,  
 based on Buffon and Daubenton, Hist. Nat., ed. 2, 13: 88, pl. 21, 1770.  
 No locality.

*Fossa daubentonii* Gray, Proc. Zool. Soc. London, for 1864, p. 518, May 1865.  
 Madagascar.

## GENETTA Oken. The Genets

*Genetta* Oken, Lehrbuch d. Naturgesch., sect. 3, zool., pt. 2, p. 1010, 1816.

As a subgenus of *Viverra*; type *Viverra genetta* Linnæus.

*Viverra* Linnæus et auct. vet. (in part).

Review: Schwarz, E. Die Sammlung afrikanischer Säugethiere im Congo-Museum. Ginsterkatzen (Gattung *Genetta* Oken). Rev. Zool. et Bot. Africaines, 19: 275-286, 30 July 1930.

GENETTA ABYSSINICA (Rüppell)

*Viverra abyssinica* Rüppell, Neue Wirbelth. zu Fauna Abyssinien gehörig, Säugeth., 1: 33, pl. 11, 1836. Abyssinia.

*Genetta abyssinica* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

Range: Abyssinia (= Ethiopia).

GENETTA GENETTA AFRA F. Cuvier

*Genetta afra* F. Cuvier, in F. Cuvier and Geoffroy, Hist. Nat. des Mammifères, pt. 52, pl. 195 and pt. 51, text, Sep. 1825. Barbary.

*Genetta genetta afra* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 279, 30 July 1930.

*Genetta barbara* Hamilton Smith, Jardine's Naturalist's Library, Mamm., 13: 171, 1842. Barbary.

*Genetta bonaparti* Loche, Rev. et Mag. de Zool. (2) 9: 385, pl. 13, Sep. 1857. Algeria.

Range: Western Morocco, Algeria and Tunis.

GENETTA GENETTA FELINA (Thunberg)

*Viverra felina* Thunberg, Kongl. Svenska Vet.-Acad. Nya Handl., Stockholm, 32: 165, 1811. Cape of Good Hope.

*Genetta genetta felina* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 279, 30 July 1930.

*Viverra macrura* Jentink, ex Temminck MS., Mus. d'Hist. Nat. Pays-Bas, Leiden, 11: 112, 1892. Nomen nudum.

GENETTA GENETTA HARARENSIS Neumann

*Genetta hararensis* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 183, 1902. Harar, Abyssinia (Ethiopia).

*Genetta guardafuensis* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 183, 1902. Cape Guardafui, eastern Somaliland.

*Genetta albipes* Trouessart, Cat. Mamm. Viv. Foss., pt. 1, p. 250, 1904. Harar, Abyssinia (based on Matschie's "weissfüssige Genette, G. spec.", in Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1139, 1902).

*Genetta dongolana tedescoi* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 62: 267, Feb. 1924. Tigiglo, a third the way from Webi Shebeli to Juba River, Italian Somaliland.

GENETTA GENETTA HINTONI Schwarz

*Genetta genetta hintoni* Schwarz, Ann. Mag. Nat. Hist. (10) 3: 47, Jan. 1929. N'dola, northeastern Rhodesia, 4220 ft.

GENETTA GENETTA NEUMANNI Matschie

*Genetta neumanni* Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1140, 1902. Irangi, northern Ugogo, and Kitui in Ukamba, Kenya Colony.

*Genetta genetta neumanni* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 279, 30 July 1930.

Range: Mt. Elgon, Kenya Colony, to Mt. Kilimanjaro region.

GENETTA GENETTA PULCHRA Matschie

*Genetta pulchra* Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1139, 1902. Okondoto, Okawango, Otawi, Windhoek, Southwest Africa.

*Genetta genetta pulchra* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 279, 30 July 1930.

*Genetta bella* Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1140, 1902. Loanda, Angola.

*Genetta ludia* Thomas and Schwann, Proc. Zool. Soc. London, p. 579, 10 Oct. 1906. Klein Letaba, northeastern Transvaal.

GENETTA GENETTA SENEGALENSIS (J. B. Fischer)

*Viverra senegalensis* J. B. Fischer, Synopsis Mamm., p. 170, 1829. Senegal.

*Genetta genetta senegalensis* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 279, 30 July 1930.



*Viverra dongolana* Hemprich and Ehrenberg, Symbolæ Physicæ, Zool., Mamm., dec. 2, folio k, p. 2, Sep. 1832. Dongola, Anglo-Egyptian Sudan.

*Viverra leptura* Reichenbach, Regnum Animale, 1: 23, f. 270, 1836.

GENETTA MACULATA (Gray)

*Viverra maculata* Gray, Spicilegia Zool., 2: 9, pl. 9, 1 Aug. 1830. North Africa, but doubtless in reality from Senegal (see Schwarz, Rev. Zool. et Bot. Africaines, 19: 277, footnote, 30 July 1930).

*Genetta pardina* I. Geoffroy, Mag. de Zool., 2: cl. 1, pl. 8 and text, 1832. Interior of Senegal.

*Genetta poensis* Waterhouse, Proc. Zool. Soc. London, p. 59, July 1838. Island of Fernando Po? (see Pocock, Proc. Zool. Soc. London, 1907, 2: 1039-1041, 4 June 1908).

*Viverra genettoides* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 89, 1853. Rio Boutry and La Mina, Gold Coast.

*Genetta dubia* Matschie, Verh. des V. Internat. Zool. Congress. Berlin, 1901, p. 1141, 1902. West Africa.

*Genetta johnstoni* Pocock, Proc. Zool. Soc. London, for 1907, p. 1041, pl. 54, f. 1, 2, 4 June 1908. West of Putu Mts., west of Cavally River, Liberia.

Range: Forests of Upper Guinea from the Niger to Gambia (Schwarz).

GENETTA SERVALINA SERVALINA Pucheran

*Genetta servalina* Pucheran, Rev. et Mag. de Zool. (2) 7: 154, Mar. 1855. Gaboon.

*Genetta aubryana* Pucheran, Rev. et Mag. de Zool. (2) 7: 154, Mar. 1855. Gaboon.

Range: Forest region from Niger to the Rift Valley, west on both banks of the Congo to the West Coast.

GENETTA SERVALINA BETTONI Thomas

*Genetta bettoni* Thomas, Ann. Mag. Nat. Hist. (7) 9: 365, May 1902. Lagari, Mau district, south of El Burgon Range, Kenya Colony.

Range: Uele region to Lake Kivu and Mt. Elgon.

GENETTA SERVALINA INTENSA Lönnberg

*Genetta servalina intensa* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 59, 1 Sep. 1917. Beni and Masisi, Congo Belge.

GENETTA TIGRINA TIGRINA (Schreber)

*Viverra tigrina* Schreber, Säugthiere, 3: 425, pl. 115, 1778. Cape of Good Hope.

*Genetta rubiginosa* Pucheran, Rev. et Mag. de Zool. (2) 7: 154, Mar. 1855. Cape of Good Hope.

Range: As a species, from Abyssinia and the Sudan, west to Senegal, south of the Sahara, to the edge of the Congo rainforest and on the east coast to Cape of Good Hope.

## GENETTA TIGRINA ÆQUATORIALIS Heuglin

*Genetta æquatorialis* Heuglin, Sitzb. K. Akad. Wiss., Wien, math.-nat. Kl., 54: sect. 1, p. 559, 1866. West bank of Bahr-el-Abiad, 7°-8° N., Anglo-Egyptian Sudan.

*Genetta tigrina æquatorialis* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 277, 30 July 1930.

Range: Uele to Ituri forest, south to Lake Tanganyika.

## GENETTA TIGRINA ALBIVENTRIS Roberts

*Genetta rubiginosa albiventris* Roberts, Ann. Transvaal Mus., 15: 1, 1 Oct. 1932. Maun, Ngamiland, Bechuanaland.

## GENETTA TIGRINA AMER Gray

*Genetta amer* Gray, List Spec. Mamm. Brit. Mus., p. 49, 13 May 1843.

*Genetta tigrina amer* Gray, Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278 and footnote, 30 July 1930. ?Nomen nudum, cites Rueppell specimen in BM.

*Genetta matschiei* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 183, 1902. Harar, Abyssinia (Ethiopia).

*Genetta schraderi* Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1140, 1902. Massawa, Eritrea.

## GENETTA TIGRINA ANGOLENSIS Bocage

*Genetta angolensis* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (1) 9: 29, July 1882. Caconda, Angola.

*Genetta tigrina angolensis* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

*Genetta gleimi* Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1142, 1902. Loanda, Angola.

*Genetta loandæ* Matschie, Schwarz, Rev. Zool. et Bot. Africaines, 19: 278, 30 July 1930 (lapsus cal. for *G. gleimi* Matschie?).

Range: Lower Congo to Angola.

## GENETTA TIGRINA ERLANGERI Matschie

*Genetta erlangeri* Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1143, 1902. Kitui, Kenya Colony.

*Genetta tigrina erlangeri* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

*Genetta pumila* Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 4, 10 Feb. 1916. Mt. Gargues, Kenya Colony, 6000 feet.

## GENETTA TIGRINA FIELDIANA DuChaillu

*Genetta fieldiana* DuChaillu, Proc. Boston Soc. Nat. Hist., 7: 302, July 1860. Interior of Gaboon. See J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 119, 11 Apl. 1924.

## GENETTA TIGRINA INSULARIS Cabrera

*Genetta insularis* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 21: 261, 14 Oct. 1921. Rebola, Island of Fernando Po.

*Genetta tigrina insularis* Schwarz, Rev. Zool. et Bot. Africaines, 19: 277, 30 July 1930 with ?.

## GENETTA TIGRINA LETABÆ Thomas and Schwann

*Genetta letabæ* Thomas and Schwann, Proc. Zool. Soc. London, p. 578, 10 Oct. 1906. Klein Letaba, northeastern Transvaal.

*Genetta tigrina letabæ* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

*Genetta rubiginosa zuluensis* Roberts, Ann. Transvaal Mus., 10: 67, 31 Jan. 1924. Banks of the White Umfolosi, Umfolosi Game Reserve, Zululand, Natal.

## GENETTA TIGRINA MOSSAMBICA Matschie

*Genetta mossambica* Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1138, 1902. Mossimboa, Querimba Id., and southern Tanganyika Territory.

*Genetta tigrina mossambica* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

*Genetta zambesiana* Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1141, 1902. Boror, Nyasaland.

## GENETTA TIGRINA SOROR Schwarz

*Genetta tigrina soror* Schwarz, Ann. Mag. Nat. Hist. (10) 3: 48, Jan. 1929. Kundilungo Mts., southwest of Lake Mweru, Congo Belge.

## GENETTA TIGRINA STUHLMANNI Matschie

*Genetta stuhlmanni* Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1142, 1902. Bukoba, Tanganyika Territory.

*Genetta tigrina stuhlmanni* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

## GENETTA TIGRINA SUAHELICA Matschie

*Genetta suahelica* Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1143, 1902. East coast of Tanganyika Territory to Mombasa, Kenya Colony.

*Genetta tigrina suahelica* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

Range: Coast of Tanganyika Territory and Kenya Colony to ? Mt. Elgon.

## GENETTA TIGRINA THIERRYI Matschie

*Genetta thierryi* Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1142, 1902. Interior of Togo, Dahomy, 9° N.

*Genetta tigrina thierryi* Schwarz, Rev. de Zool. et Bot. Africaines, 19: 277, 30 July 1930.

GENETTA VICTORIÆ Thomas

*Genetta victoriæ* Thomas, Proc. Zool. Soc. London, 2: 87, pl. 5, 1 Oct. 1901. Entebbe, Uganda.

Range: Local in forests between Ubangi, Congo, and Lake Victoria.

NANDINIA Gray. Tree Civet

*Nandinia* Gray, Cat. Spec. Mamm. Brit. Mus., p. 54, 13 May 1843, nomen nudum; Proc. Zool. Soc. London, for 1864, p. 529, May 1865. Genotype *Viverra binotata* Reinwardt.

NANDINIA BINOTATA BINOTATA (Reinwardt)

*Viverra binotata* Reinwardt, in Gray, Spicilegia Zool., 2: 9, 1830. Fernando Po. *Paradoxurus hamiltonii* Gray, Proc. Zool. Soc. London, p. 67, 5 June 1832; Illustr. Indian Zool., pl. 10, 1833-34. No locality; Ashanti according to Temminck.

NANDINIA BINOTATA ARBOREA Heller

*Nandinia binotata arborea* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 9, 16 Sep. 1913. Lukosa River, northeast of Kisumu, Kenya Colony.

NANDINIA BINOTATA GERRARDI Thomas

*Nandinia gerrardi* Thomas, Ann. Mag. Nat. Hist. (6) 12: 205, Sep. 1893. Lower Shiré River, Nyasaland.

NANDINIA BINOTATA INTENSA Cabrera and Ruxton

*Nandinia binotata intensa* Cabrera and Ruxton, Ann. Mag. Nat. Hist. (9) 17: 596, May 1926. St. Joseph de Luluabourg, southern Congo Belge.

OSBORNICTIS J. A. Allen. Aquatic Civet"

*Osbornictis* J. A. Allen, Journ. Mammalogy, 1: 25, 28 Nov. 1919; Bull. Amer. Mus. Nat. Hist., 47: 135, 11 Apl. 1924. Genotype *Osbornictis piscivora* J. A. Allen.

OSBORNICTIS PISCIVORA J. A. Allen

*Osbornictis piscivora* J. A. Allen, Journ. Mammalogy, 1: 25, 28 Nov. 1919; Bull. Amer. Mus. Nat. Hist., 47: 140, text-f. 21, 23, A, B; 24, A; 25, A; 26, A, B; 28, A, C; 29, A, C; pls. 18, 19, 11 Apl. 1924. Niapu, Congo Belge.

## POIANA Gray. African Linsang

- Linsang* Gerrard, Cat. Bones Mamm. Brit. Mus., p. 71, 1862 (in part).  
*Poiana* Gray, Proc. Zool. Soc. London, for 1864, p. 520, May 1865. Genotype  
*Linsang richardsoni* Gerrard = *Genetta poensis* Waterhouse, Proc. Zool. Soc.  
 London, p. 59, 1838 (juv.), not of Waterhouse, ibid. (adult).

## POIANA RICHARDSONII RICHARDSONII (Thomson)

- Genetta richardsonii* Thomson, Ann. Mag. Nat. Hist. (1) 10: 204, Nov. 1842.  
 Fernando Po.  
*Genetta poensis* Waterhouse, Proc. Zool. Soc. London, p. 59, July 1838 (the  
 young individual but not the adult on which the name was based), in part.

## POIANA RICHARDSONII LIBERIENSIS Pocock

- Poiana richardsoni liberiensis* Pocock, Proc. Zool. Soc. London, for 1907, p.  
 1043, pl. 54, f. 3, 4 June 1908. West of Putu Mts., west of Cavally River,  
 Liberia.  
*Poiana richardsoni leightoni* Pocock, Proc. Zool. Soc. London, for 1907, p. 1045,  
 4 June 1908. West of Putu Mts., Liberia (lapsus cal. for *liberiensis*).

## POIANA RICHARDSONII OCHRACEA Thomas and Wroughton

- Poiana richardsoni ochracea* Thomas and Wroughton, Ann. Mag. Nat. Hist.  
 (7) 19: 372, May 1907. Near Yambuya, Aruwimi River, Congo, about 1°  
 N., 25° E.

## VIVERRICULA Hodgson

- Viverricula* Hodgson, Ann. Mag. Nat. Hist. (1) 1: 152, Apl. 1838. Genotype  
 not specified but included *Viverra indica* Geoffroy (= *V. malaccensis*  
 Gmelin) and *V. rase* (= *V. rasse* Horsfield).

## VIVERRICULA RASSE (Horsfield). The Rasse.

- Viverra rasse* Horsfield, Zool. Researches in Java, no. 6, pl. and text (un-  
 numbered), 1821. Java.  
*Viverra schlegelii* Pollen, in Schlegel, Nederlandsch Tijdschr. v. Dierkunde, 3:  
 78, 1866. Islands of Mayotte and Nossi-Faly, northwest of Madagascar.  
 (Introduced).  
 Range: Java; introduced in Socotra, Madagascar and Comoro Islands.

## Subfamily HERPESTINÆ. Mongoosees

(See J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 153, 11 Apl. 1924.)

## ATILAX F. Cuvier. Marsh Mongoose

*Atilax* F. Cuvier, Hist. Nat. des Mammifères, pt. 54, pl. and text on the "Vansire" (not of Buffon and Daubenton), June 1826. Genotype *Herpestes paludinosus* G. Cuvier (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 171, 11 Apl. 1924).

*Athylax* I. Geoffroy, Mag. de Zool. (2) 1: mammif., art. 4, p. 25, 1839; Gray, Proc. Zool. Soc. London, for 1864, p. 556, 1865. Genotype *Herpestes paludinosus* G. Cuvier.

## ATILAX PALUDINOSUS PALUDINOSUS (G. Cuvier)

*Mustela galera* Schreber, Säugthiere, 3: pl. 135, 1777. Madagascar. This is the Vansire of Buffon and Daubenton, but the name is regarded as unidentifiable (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 163, 11 Apl. 1924).

*Mustela voang-shire* Zimmermann, Specimen Zoologiæ Geographicae, p. 487, 1777. See Allen, J. A., Bull. Amer. Mus. Nat. Hist., 16: 16, 1 Feb. 1902.

*Herpestes paludinosus* G. Cuvier, Règne Anim., ed. 2, 1: 158, (Apl.) 1829. Cape of Good Hope.

*Mangusta urinatrix* A. Smith, Zool. Journ., 4: 437, May, 1829. South Africa. *Herpestes atilax* Wagner, Schreber's Säugthiere, Suppl., 2: 305, 1841. South Africa.

*Athylax paludosus* Gray, Proc. Zool. Soc. London, for 1864, p. 557, May 1865. Cape of Good Hope.

## ATILAX PALUDINOSUS MACRODON J. A. Allen

*Atilax macrodon* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 205, text-ff. 61, C-D; 62-64, pl. 27, f. 2; 29, 11 Apl. 1924. Niapu, northeastern Congo Belge.

## ATILAX PALUDINOSUS MITIS (Thomas and Wroughton)

*Herpestes galera mitis* Thomas, Proc. Zool. Soc. London, for 1902, 2: 309, Apl. 1903. Zegi, Lake Tana, Ethiopia.

## ATILAX PALUDINOSUS MORDAX (Thomas)

*Mungos paludinosus mordax* Thomas, Ann. Mag. Nat. Hist. (8) 10: 588, Dec. 1912. Rombashi River, northwest of north end of Lake Nyasa, Tanganyika Territory.

## ATILAX PALUDINOSUS NASO (De Winton)

*Herpestes naso* De Winton, Bull. Liverpool Museums, 3: 35, pl. 1, 1 text-f., May 1901. Cameroon River, Cameroons.

*Mungos paludinosus naso* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 64, 1 Sep. 1917.

*Herpestes almodovari* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 2: 139, Mar. 1902. Cape San Juan, Biafra.



*ATILAX PALUDINOSUS NIGERIANUS* (Thomas)

*Mungos naso nigerianus* Thomas, Ann. Mag. Nat. Hist. (8) 10: 588, Dec. 1912.  
Niaji, 20 miles northeast of Oban, Nigeria.

*ATILAX PALUDINOSUS PLUTO* (Temminck)

*Herpestes pluto* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 95, 1853.  
Dabocrom, Gold Coast.  
Range: Gold Coast to Sierra Leone.

*ATILAX PALUDINOSUS ROBUSTUS* Gray

*Athylax robustus* Gray, Proc. Zool. Soc. London, for 1864, p. 558, text-f. (skull),  
May 1865. White Nile.

*ATILAX PALUDINOSUS RUBELLUS* (Thomas and Wroughton)

*Mungos paludinosus rubellus* Thomas and Wroughton, Proc. Zool. Soc. London,  
p. 166, 17 Sep. 1908. Tambarara, Gorongosa district, Mozambique.

*ATILAX PALUDINOSUS RUBESCENS* (Hollister)

*Mungos paludinosus rubescens* Hollister, Proc. Biol. Soc. Washington, 25: 1,  
23 Jan. 1912. Mt. Kilimanjaro, Tanganyika Territory, 4000 ft.

*ATILAX PALUDINOSUS SPADICEUS* Cabrera

*Atilax paludinosus spadiceus* Cabrera, Bol. Real Soc. Española Hist. Nat.,  
Madrid, 21: 262, 14 Oct. 1921. Cape San Juan, Spanish Guinea.

*ATILAX PALUDINOSUS TRANSVAALENSIS* Roberts

*Atilax paludinosus transvaalensis* Roberts, Ann. Transvaal Mus., 15: 266, 1  
Aug. 1933. Mokeetsi, northern Transvaal.

*BDEOGALE* Peters

*Bdeogale* Peters, Mitth. Ges. Naturf. Freunde, Berlin, 19 Nov. 1850; Monatsb.  
K. Preuss. Akad. Wiss., Berlin, p. 81, Feb. 1852. Genotype *Bdeogale*  
*crassicauda* Peters.

*BDEOGALE CRASSICAUDA CRASSICAUDA* Peters

*Bdeogale crassicauda* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 81,  
Feb. 1852; Reise nach Mossambique, Säugeth., p. 119, 120, pl. 27, 1852.  
Tette, Boror, Mozambique, 17°-18° S.

*BDEOGALE CRASSICAUDA OMNIVORA* Heller

*Bdeogale crassicauda omnivora* Heller, Smithsonian Misc. Coll., 61: no. 13,  
p. 12, 16 Sep. 1913. Mazeras, Kenya Colony.

## BDEOGALE PUISA Peters

*Bdeogale puisa* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 82, Feb. 1852; Reise nach Mossambique, Säugeth., p. 124, pl. 28, 1852. Mossimbôa, Mozambique, 11° S.

## BDEOGALE TENUIS Thomas and Wroughton

*Bdeogale tenuis* Thomas and Wroughton, Proc. Zool. Soc. London, p. 168, 17 Sep. 1908. Zanzibar Island.

## CROSSARCHUS F. Cuvier

*Crossarchus* F. Cuvier, Hist. Nat. des Mammifères, pt. 47, plate and text, p. 3, Feb. 1825. Genotype *Crossarchus obscurus* F. Cuvier.

## CROSSARCHUS ALEXANDRI Thomas and Wroughton

*Crossarchus alexandri* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 373, May 1907. Banzyville, Ubangi, Congo Belge.

## CROSSARCHUS ANSORGEI Thomas

*Crossarchus ansorgei* Thomas, Ann. Mag. Nat. Hist. (8) 5: 195, Feb. 1910. Dalla Tando, northern Angola.

## CROSSARCHUS GAMBIANUS (Ogilby)

*Herpestes gambianus* Ogilby, Proc. Zool. Soc. London, p. 102, 9 Oct. 1835. Gambia.

## CROSSARCHUS OBSCURUS F. Cuvier

*Crossarchus obscurus* F. Cuvier, Hist. Nat. des Mammifères, pt. 47, pl. and p. 3, text, Feb. 1825. West Africa, probably southern Gambia.  
*Herpestes punctatissimus* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 108, 1853. Gaboon River.

## CYNICTIS Ogilby. Mierkat

*Cynictis* Ogilby, Proc. Zool. Soc. London, p. 48, 24 May 1833. Genotype  
*Cynictis steedmanni* Ogilby = *Herpestes penicillatus* G. Cuvier.

## CYNICTIS PENICILLATA PENICILLATA (G. Cuvier)

*Herpestes penicillatus* G. Cuvier, Règne Anim., ed. 2, 1: 158, (Apl.) 1829. Cape of Good Hope.  
*Mangusta levaillantii* A. Smith, Zool. Journ., 4: 437, May 1829. South Africa.  
*Cynictis steedmanni* Ogilby, Proc. Zool. Soc. London, p. 49, 24 May 1833.  
 "Uitenhage, on the borders of Caffraria," Cape of Good Hope.  
*Cynictis typicus* A. Smith, South African Quart. Journ., 2: 116, 1834. South Africa.

## CYNICTIS PENICILLATA BRACHYURA Roberts

*Cynictis penicillata brachyura* Roberts, Ann. Transvaal Mus., 10: 68, 31 Jan. 1924. Boschkop, near Johannesburg, Transvaal.

## CYNICTIS PENICILLATA BRADFIELDI Roberts

*Cynictis penicillata bradfieldi* Roberts, Ann. Transvaal Mus., 10: 69, 31 Jan. 1924. "Quickborn," Okahandja district, Southwest Africa.

## CYNICTIS PENICILLATA BECHUANÆ Roberts

*Cynictis penicillata bechuanæ* Roberts, Ann. Transvaal Mus., 15: 4, 1 Oct. 1932. Gaberones, Bechuanaland, South Africa.

## CYNICTIS PENICILLATA CINDERELLA Thomas

*Cynictis bradfieldi cinderella* Thomas, Proc. Zool. Soc. London, p. 375, 12 July 1927. Ondongwa, central Ovamboland, Southwest Africa.  
Range: Between Windhoek and Bechuanaland border.

## CYNICTIS PENICILLATA COOMBSI Roberts

*Cynictis penicillata coombi* Roberts, Ann. Transvaal Mus., 13: 90, 6 July 1929. Swarthoek, Zoutpansberg, Transvaal.

## CYNICTIS PENICILLATA INTENSA Schwann

*Cynictis penicillata intensa* Schwann, Proc. Zool. Soc. London, p. 104, 7 June 1906. Deelfontein, Cape Colony.  
Range: Central Cape Colony.

## CYNICTIS PENICILLATA KALAHARICA Roberts

*Cynictis penicillata kalaharica* Roberts, Ann. Transvaal Mus., 15: 4, 1 Oct. 1932. Kaotwe Pan, central Kalahari, Bechuanaland, South Africa.

## CYNICTIS PENICILLATA LEPTURA (A. Smith)

*Cynictis lepturus* A. Smith, Illustr. Zool. South Africa, Mamm., pl. 17 and text, Sep. 1839. South Africa, "arid plains towards the Tropic of Capricorn."

Range: Desert from Kuruman to northern Bechuanaland.

## CYNICTIS PENICILLATA OGILBYI (A. Smith)

*Mangusta ogilbyi* A. Smith, South African Quart. Journ., 2: 117, 1834. Western Orange Free State.

*Cynictis penicillata ogilbyi* Shortridge, Mammals South West Africa, 1: 141, 1934.

Range: Great Karoo.

## CYNICTIS PENICILLATA PALLIDIOR Thomas and Schwann

*Cynictis penicillata pallidior* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 2, p. 5, 9 Feb. 1904; Proc. Zool. Soc. London, 1: 175, 9 June 1904. Klipfontein, Little Namaqualand, Southwest Africa.

## DOLOGALE Thomas

*Dologale* Thomas, Ann. Mag. Nat. Hist. (9) 17: 183, Jan. 1926. Genotype *Crossarchus dybowski* Pousargues.

## DOLOGALE DYBOWSKII (Pousargues)

*Crossarchus dybowski* Pousargues, Bull. Soc. Zool. de France, 18: 51, 1893; Nouv. Arch. Mus. d' Hist. Nat., Paris, (3) 6: 121, pl. 1, 1894. Ubangi, Congo Belge.

For characters and synonymy, see Hayman, R. W., Ann. Mag. Nat. Hist. (10) 18: 626-630, Dec. 1936.

*Herpestes (Calogale) nigripes* Kershaw, Ann. Mag. Nat. Hist. (9) 13: 22, Jan. 1924. Moru district, Mongalla, Anglo-Egyptian Sudan. See Hayman, R. W., Ann. Mag. Nat. Hist. (10) 18: 629, Dec. 1936, as to status.

*Helogale hirtula robusta* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 183, text-f. 44D, 47, 48, pl. 24, f. 1, 11 Apl. 1924. Faradje, northeastern Congo Belge. See Hayman, R. W., Ann. Mag. Nat. Hist. (10) 18: 629, Dec. 1936, as to status.

## EUPLERES Doyère

*Eupleres* Doyère, Bull. Soc. des Sci. Nat., Paris, no. 3, p. 45, Mar. 1835; Ann. des Sci. Nat., Zool., (2) 4: 280, pl. 8, Nov. 1835. Genotype *Eupleres goudotii* Doyère.

## EUPLERES GOUDOTII Doyère

*Eupleres goudotii* Doyère, Bull. Soc. des Sci. Nat., Paris, no. 3, p. 45, Mar. 1835; Ann. des Sci. Nat., Zool., (2) 4: 281, pl. 8, Nov. 1835. Tamatave, eastern Madagascar.

## EUPLERES MAJOR Lavauden

*Eupleres major* Lavauden, Compt. Rend. Acad. Sci. Paris, 189: 198, 1929. Forests near Beangona, Valley of Sombirano, northern Madagascar.

## GALERELLA Gray

*Galerella* Gray, Proc. Zool. Soc. London, for 1864, p. 564, May 1865. Genotype *Herpestes ochraceus* Gray.

See J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 175-179, 11 Apl. 1924, for history of name.

*GALERELLA OCHRACEA OCHRACEA* (Gray)

*Herpestes ochraceus* Gray, Proc. Zool. Soc. London, for 1848, p. 138, 1 June 1849. Abyssinia (Ethiopia).

*GALERELLA OCHRACEA BOCAGEI* (Thomas and Wroughton) ? generic reference uncertain.

*Herpestes bocagei* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 16: 170, Aug. 1905. Caconda, Benguela, Angola.

*Herpestes gracilis* var. *punctulatus* Bocage, Journ. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 179, Dec. 1889 (not of Gray, 1849). Caconda, also Humbe and interior, Angola.

*GALERELLA OCHRACEA FULVIDIOR* (Thomas)

*Herpestes ochraceus fulvidior* Thomas, Ann. Mag. Nat. Hist. (7) 14: 97, Aug. 1904. Mandeira, south of Berbera, Somaliland, 3500 ft.

*GALERELLA OCHRACEA PERFULVIDA* (Thomas)

*Herpestes ochraceus perfulvidus* Thomas, Ann. Mag. Nat. Hist. (7) 14: 96, Aug. 1904. Wardair, northeast of Gerlogobi, central Somaliland.

## GALERISCUS Thomas

*Galeriscus* Thomas, Ann. Mag. Nat. Hist. (6) 13: 522, June 1894. Genotype *Galeriscus jacksoni* Thomas.

See Matschie, P., Die Säugethiere Deutsch-Ost-Afrikas, p. 147, 1895 (a *Bdeogale*, not a mustelid as originally described); Pocock, R. I., Ann. Mag. Nat. Hist. (8) 17: 179, Feb. 1916; Thomas, Ann. Mag. Nat. Hist. (10) 1: 344, Mar. 1928 (valid genus for *jacksoni* and *Bdeogale nigripes*).

*GALERISCUS JACKSONI* Thomas

*Galeriscus jacksoni* Thomas, Ann. Mag. Nat. Hist. (6) 13: 522, June 1894. Mianzini, near Lake Naivasha, Kenya Colony.

*GALERISCUS NIGRIPES* (Pucheran)

*Bdeogale nigripes* Pucheran, Rev. et Mag. de Zool., (2) 7: 111, Feb. 1855. Gaboon.

*Galeriscus nigripes* Thomas, Ann. Mag. Nat. Hist. (10) 1: 344, Mar. 1928.

## GALIDIA I. Geoffroy

*Galidia* I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 5: 580, 1837; Ann. des Sci. Nat., zool., (2) 8: 251, Oct. 1837. Genotype by elimination, *Galidia elegans* I. Geoffroy.

## GALIDIA ELEGANS I. Geoffroy

*Mustela afra* Kerr, in Linnæus's Animal Kingdom, p. 175, 1792. Based on the "Vansire" of Madagascar, =? *Galidia elegans* (see Thomas and Wroughton, Proc. Zool. Soc. London, p. 167, 17 Sep. 1908).

*Galidia elegans* I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 5: 581, 1837. Madagascar.

## GALIDICTIS I. Geoffroy

*Galictis* I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 5: 581, 1837 (not of Bell, 1826). Genotype *Mustela striata* E. Geoffroy.

*Galidictis* I. Geoffroy, Mag. de Zool., (2) 1: Mamm., art. 5, p. 33, footnote, 37, footnote, pls. 18, 19, 1839. Genotype *Mustela striata* E. Geoffroy.

## GALIDICTIS FASCIATA (Gmelin)

*Viverra fasciata* Gmelin, Linné's Syst. Nat., ed. 13, 1: pt. 1, p. 92, 1788. Based on "Le Chat Sauvage à bandes noires des Indes" of Sonnerat, but clearly from Madagascar (see Schwarz, E., Ann. Mag. Nat. Hist. (8) 7: 638, June 1911).

*Viverra striata* Desmarest, Encyclop. Méthodique, Mammalogie, p. 210, 1820. "La côte de Coromandel," but actually Madagascar. (Not *Mustela striata* E. Geoffroy.)

## GALIDICTIS ORNATA Pocock

*Galidictis ornatus* Pocock, Ann. Mag. Nat. Hist. (8) 16: 118, pl. 7, f. 2, Aug. 1915. Andevoranto, east coast of Madagascar.

## GALIDICTIS STRIATA (E. Geoffroy)

*Mustela striata* E. Geoffroy, Dictionnaire Class. d'Hist. Nat., 10: 214, June 1826 (not *Viverra striata* Desmarest which is a synonym of *Galidictis fasciata* (Gmelin)). Madagascar.

Pocock (Ann. Mag. Nat. Hist. (8) 16: 115, Aug. 1915) shows that the new form he describes as *Galidictis eximius* "certainly agrees" essentially with E. Geoffroy's description of *Mustela striata*, of which it must be regarded as a synonym.

*Galidictis vittata* Schinz, Syst. Verzeichn. Säugeth., 1: 360, 1844. Madagascar.

The name is based primarily on the *G. vittata* of I. Geoffroy (Mag. de Zool., (2) 1: 32, pl. 18, 1839), which is probably the same as *G. striata* (E. Geoffroy), not *G. vittata* Gray, 1848.

*Galidia decemlineata* A. Grandidier, Revue et Mag. de Zool., (2) 19: 85, Mar. 1867. West coast of Madagascar.

*Galidictis vittata*, var. *rufa* A. Grandidier, Revue et Mag. de Zool., (2) 21: 338, Sep. 1869. Madagascar.

*Galidictis eximius* Pocock, Ann. Mag. Nat. Hist. (8) 16: 116, pl. 7, f. 1, Aug. 1915. Ambinanindrano, eastern Madagascar.



## HELOGALE Gray. Dwarf Mongoose

*Helogale* Gray, Proc. Zool. Soc. London, for 1861, p. 308, text-f. (skull), Apl. 1862. Genotype *Herpestes parvulus* Sundevall.

## HELOGALE BRUNNULA BRUNNULA Thomas and Schwann

*Helogale brunnula* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 33, p. 10, 5 June 1906; Proc. Zool. Soc. London, p. 581, 10 Oct. 1906. Klein Letaba, Zoutpansberg district, northeastern Transvaal, 1050 ft.

## HELOGALE BRUNNULA BRUNETTA Thomas

*Helogale brunetta* Thomas, Proc. Zool. Soc. London, 1: 293, 29 Apl. 1926. Rua Cana Falls, Cunene River, northwestern Ovamboland, Southwest Africa.

## HELOGALE BRUNNULA RUFICEPS Kershaw

*Helogale brunnula ruficeps* Kershaw, Ann. Mag. Nat. Hist. (9) 10: 103, July 1922. Monze, 200 miles south of N'dola, northwestern Rhodesia.

## HELOGALE HIRTULA HIRTULA Thomas

*Helogale hirtula* Thomas, Ann. Mag. Nat. Hist. (7) 14: 97, Aug. 1904. Gabridehari, 60 miles west of Gerlogobi, Somaliland.

## HELOGALE HIRTULA AHLSELLI Lönnberg

*Helogale hirtula ahlSELLI* Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 64, Jan. 1912; Kungl. Svenska Vet.-Akad. Handl., Stockholm, 48: 70, pl. 2, f. 4, 5; pl. 5 (col., type), 26 June 1912. Thornbush north of Northern Guaso Nyiro, Kenya Colony.

## HELOGALE HIRTULA ANNULATA Drake-Brockman

*Helogale hirtula annulata* Drake-Brockman, Ann. Mag. Nat. Hist. (8) 10: 612, Dec. 1912. Afgo, Webi Shebeli, near Mogadishu, Italian Somaliland.

## HELOGALE HIRTULA LUTESCENS Thomas

*Helogale hirtula lutescens* Thomas, Ann. Mag. Nat. Hist. (8) 8: 725, Dec. 1911. Plains near north end of Lake Rudolf, Abyssinia (Ethiopia).

## HELOGALE HIRTULA POWELLI Drake-Brockman

*Helogale hirtula powelli* Drake-Brockman, Ann. Mag. Nat. Hist. (8) 10: 612, Dec. 1912. Eil Hur, near Obbia, Italian Somaliland.  
For H. T. Powell, Treasurer of Somaliland Protectorate.

## HELOGALE IVORI Thomas

*Helogale ivori* Thomas, Ann. Mag. Nat. Hist. (9) 4: 31, July 1919. Lumbo, Mozambique.  
For Hon. Ivor Montague.

## HELOGALE MACMILLANI Thomas

*Helogale macmillani* Thomas, Ann. Mag. Nat. Hist. (7) 18: 300, Oct. 1906.  
Delbena River, Konso, Abyssinia.

## HELOGALE MIMETRA Thomas

*Helogale mimetra* Thomas, Ann. Mag. Nat. Hist. (9) 17: 183, Jan. 1926.  
Ganguela, Angola.

## HELOGALE PARVULA PARVULA (Sundevall)

*Herpestes parvulus* Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, 121, 1846. "E Caffraria superiore, juxta tropicum."

## HELOGALE PARVULA NERO Thomas

*Helogale parvula nero* Thomas, Ann. Mag. Nat. Hist. (10) 2: 408, Nov. 1928.  
Okorosave, Kaokoveld, Southwest Africa.

*Helogale bradfieldi* Roberts, Ann. Transvaal Mus., 12: 323, 29 Dec. 1928.  
Waterberg, Southwest Africa.

## HELOGALE PERCIVALI PERCIVALI Thomas

*Helogale percivali* Thomas, Ann. Mag. Nat. Hist. (8) 8: 724, Dec. 1911. Orr Valley, near Mt. Nyiro, northern Kenya Colony, 4500 ft.

## HELOGALE PERCIVALI TENEBROSA Lönnberg

*Helogale percivali tenebrosa* Lönnberg, Revue Zool. Africaine, 5: 175, 30 Apl. 1918. Kerio River, near Mt. Elgon, Kenya Colony.

## HELOGALE UNDULATA UNDULATA (Peters)

*Herpestes undulatus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 81, Feb. 1852; Reise nach Mossambique, Säugeth., p. 114, pl. 25, 1852.  
Mossimbôa, Mozambique.

## HELOGALE UNDULATA AFFINIS Hollister

*Helogale undulata affinis* Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 7, 10 Feb. 1916. Summit of Mt. Lololokwi, Kenya Colony, 6000 ft.

## HELOGALE UNDULATA ATKINSONI Thomas

*Helogale atkinsoni* Thomas, Ann. Mag. Nat. Hist. (6) 20: 378, Oct. 1897. Hargaisa, Somaliland, 1500 m.

## HELOGALE UNDULATA RUFULA Thomas

*Helogale undulata rufula* Thomas, Ann. Mag. Nat. Hist. (8) 5: 194, Feb. 1910.  
Rogoro, Kikuyu, Kenya Colony.

## HELOGALE VARIA Thomas

*Helogale varia* Thomas, Proc. Zool. Soc. London, 1: 119, 1 June 1902. Northern Nyasaland.

## HELOGALE VETULA Thomas

*Helogale vetula* Thomas, Ann. Mag. Nat. Hist. (8) 8: 724, Dec. 1911. Lamu, coast of Kenya Colony.

## HELOGALE VICTORINA VICTORINA Thomas

*Helogale victorina* Thomas, Proc. Zool. Soc. London, 1: 120, 1 June 1902. Nassa, Speke Gulf, Lake Victoria, Kenya Colony.

## HELOGALE VICTORINA OCHRACEA Thomas

*Helogale victorina ochracea* Thomas, Ann. Mag. Nat. Hist. (8) 5: 194, Feb. 1910. Ketoma, Ankole, southern Uganda.

## HERPESTES Illiger. Gray Mongooses

*Ichneumon* Lacépède, Tabl. des Div., Ord. Gen. Mamm., p. 7, 1799. Genotype *Viverra ichneumon* Gmelin; preoccupied by *Ichneumon* Linnæus, 1758, in Hymenoptera.

*Mungos* Geoffroy and Cuvier, Mag. Encyclopéd., 2: 184, 1795 (in part).

*Herpestes* Illiger, Prodromus Syst. Mamm. et Avium, p. 135, 1811 (*Herperstes* corrected to *Herpestes* in Errata, p. 302). Genotype *Viverra ichneumon* Gmelin.

*Mangusta* Horsfield, Zool. Researches in Java, pt. v, pl. and text, 1824 (in part). Genotype not specified, but four species are included; description based chiefly on *Mangusta* (= *Herpestes*) *javanica*.

## HERPESTES ICHNEUMON ICHNEUMON (Linnæus)

*Viverra ichneumon* Linnæus, Syst. Nat., ed. 10, 1: 43, 1758. Egypt, "ad ripas Nili."

*Ichneumon pharaon* Lacépède, Mém. de l'Inst. Nat. des Sci. et Arts, sci. math. et phys., Paris, 3: 492, 1801.

*Viverra egypti* Tiedemann, Zool., 1: 364, 1808.

*Ichneumon major* E. Geoffroy, Description de l'Egypte, 2: 139, footnote, 1818. Egypt. See Thomas and Wroughton, Proc. Zool. Soc. London, p. 167, 17 Sep. 1908.

## HERPESTES ICHNEUMON ANGOLENSIS Bocage

*H[erpestes] angolensis* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 2: 32, 1890. Quissange, Angola.

## HERPESTES ICHNEUMON CAFER (Gmelin)

*Viverra cafra* Gmelin, Linnaeus's Syst. Nat., ed. 13, 1: pt. 1, 85, 1788. Cape of Good Hope (based on description of a specimen from the Cape, in Schreber's Säugthiere, 3: 434, 1778). It is doubtful whether Schreber's description does not refer rather to a *Myonax*.

*Viverra nems* Kerr, Linnaeus's Animal Kingdom, p. 160, 1792. "East coast of Africa," but supposed by Thomas and Wroughton (Proc. Zool. Soc. London, p. 167, 17 Sep. 1908) to be probably an Indian species; the description seems to be based on Schreber's account of a mongoose which Gmelin independently named *Viverra cafra* in 1788.

*Herpestes madagascarensis* A. Smith, South African Quart. Journ., 2: 114, 1834. Madagascar (introduced).

*Herpestes Bennettii* Gray, Charlesworth's Mag. Nat. Hist., 1: 578, Nov. 1837. Madagascar (introduced).

*Herpestes dorsalis* Gray, Proc. Zool. Soc. London, for 1864, p. 549, May 1865. South Africa; based on *Ichneumon pharaonis*, var. A. Smith.

## HERPESTES ICHNEUMON CENTRALIS (Lönnberg)

*Mungos ichneumon centralis* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 61, 1 Sep. 1917. Beni, Congo Belge.

## HERPESTES ICHNEUMON FUNESTUS (Osgood)

*Mungos ichneumon funestus* Osgood, Publ. Field Mus. Nat. Hist., zool. ser. 10: no. 3, p. 17, 7 Apl. 1910. Naivasha, Kenya Colony.

## HERPESTES ICHNEUMON MABABIENSIS Roberts

*Herpestes cafer mababiensis* Roberts, Ann. Transvaal Mus., 15: 4, 1 Oct. 1932: Tsotsoroga Pan, Mababe Flats, Bechuanaland, South Africa.

## HERPESTES ICHNEUMON NUMIDICUS (F. Cuvier)

*Ichneumon numidicus* F. Cuvier, Hist. Nat. des Mammifères, pt. 68, pl. 191, and text, 1834. Algeria.

*Herpestes ichneumon numidicus* Cabrera, Trab. Mus. Nac. de Cienc. Nat., Madrid, zool. ser., no. 57, p. 149, 30 Dec. 1932.

*Herpestes numidianus* Gray, Proc. Zool. Soc. London, for 1864, p. 550, May 1865. Numidia.

Range: Northern Morocco and Algeria.

## HERPESTES ICHNEUMON PARVIDENS (Lönnberg)

*Mungos ichneumon parvidens* Lönnberg, Arkiv f. Zool., 4: no. 16, p. 3, 29 Apl. 1908. Mukimungu, below Manyanga, Lower Congo, Congo Belge.

## HERPESTES ICHNEUMON SABIENSIS Roberts

*Herpestes caffer sabiensis* Roberts, Ann. Transvaal Mus., 11: 249, 14 Sep. 1926. Sabi Game Reserve, eastern Transvaal.

**HERPESTES ICHNEUMON SANGRONIZI** Cabrera

*Herpestes ichneumon sangronizi* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 24: 217, 28 Apl. 1924; Trab. Mus. Nac. de Cienc. Nat., Madrid, zool. ser., no. 57, p. 151, pl. 6, 30 Dec. 1932. Mogador, Morocco.  
Range: Southwestern Morocco.

**ICHNEUMIA I. Geoffroy. White-tailed Mongoose**

*Lasiopus* I. Geoffroy, in Gervais's *Resumé des Leçons de Mammalogie*, professées au Mus. Paris, 1: 37, 1835. Genotype *Herpestes albicaudus* G. Cuvier (not *Lasiopus* Dejean, 1833, in Coleoptera).

*Ichneumia* I. Geoffroy, Ann. des Sci. Nat., Zool. (2) 8: 251, 1837. New name to replace *Lasiopus*, same genotype.

**ICHNEUMIA ALBICAUDA ALBICAUDA** (G. Cuvier)

*Herpestes albicaudus* G. Cuvier, Règne Anim., ed. 2, 1: 158, 1829. Senegal.

*Herpestes leucurus* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, fol. h, i, k, pl. 12, Sep. 1832. Dongola, Anglo-Egyptian Sudan.

*Ichneumia albescens* I. Geoffroy, Mag. de Zool., mamm., p. 16 of description accompanying pl. 12, 1839. Sennaar; ? Dongola.

*Ichneumia abu-wudan* Fitzinger and Heuglin, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 54: sect. 1, p. 561, 1866. Berbera, Somaliland.

**ICHNEUMIA ALBICAUDA DIALEUCOS** (Hollister)

*Mungos albicaudus dialeucos* Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 6, 10 Feb. 1916. Mt. Lololokwi, Kenya Colony.

**ICHNEUMIA ALBICAUDA GRANDIS** (Thomas)

*Herpestes grandis* Thomas, Proc. Zool. Soc. London, for 1889, p. 622, pl. 62 (skull and teeth), Apl. 1890. ?Limpopo or Zululand, South Africa.

**ICHNEUMIA ALBICAUDA HAAGNERI** Roberts

*Ichneumia grandis haagneri* Roberts, Ann. Transvaal Mus., 10: 68, 31 Jan. 1924. Bridgewater, Rustenburg district, Transvaal.

**ICHNEUMIA ALBICAUDA IBEANA** (Thomas)

*Herpestes albicaudus ibeanus* Thomas, Ann. Mag. Nat. Hist. (7) 13: 409, June 1904. Athi-ya-Maui (Stony Athi), Kenya Colony.

*Mungos albicaudus ferox* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 11, 16 Sep. 1913. Changamwe, Kenya Colony.

**ICHNEUMIA ALBICAUDA LOANDÆ** (Thomas)

*Herpestes albicaudus loandæ* Thomas, Ann. Mag. Nat. Hist. (7) 13: 408, text-f. b, June 1904. Pungo Andongo, northern Angola.

## ICHNEUMIA ALBICAUDA LOEMPO (Temminck)

*Herpestes loempo* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 93, 1853 (not of Gray, 1865). Guinea Coast.

*Ichneumia nigricauda* Pucheran, Rev. et Mag. de Zool. (2) 7: 394, Aug. 1855. Senegal.

## MUNGOS E. Geoffroy and G. Cuvier

*Mungos* E. Geoffroy and G. Cuvier, Magasin Encyclopédique, 2: 184, 187, 1795. Genotype *Viverra mungo* Gmelin.

*Ariela* Gray, Proc. Zool. Soc. London, for 1864, p. 565, May 1865. Genotype *Herpestes tænionotus* (A. Smith).

*Mungos* Gray, Proc. Zool. Soc. London, for 1864, p. 575, May 1865. Genotype *Mungos fasciatus* Gray = *Herpestes mungo* Desmarest.

*Crossarchus* auct. recent., not F. Cuvier, (in part).

## MUNGOS MUNGO MUNGO (Gmelin). Banded Mongoose

*Viverra mungo* Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 84, 1788.

Supposed to be Asia, but in reality Africa, taken as Cape of Good Hope (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 155-156, 11 Apl. 1924).

*Herpestes fasciatus* Desmarest, Dictionnaire des Sci. Nat., 29: 58, 1823. "L'Inde."

*Ichneumon tænionotus* A. Smith, South African Quart. Journ., 2: 114, 1834. Natal.

## MUNGOS MUNGO BORORENSIS Roberts

*Mungos mungo bororensis* Roberts, Ann. Transvaal Mus., 13: 88, 6 July 1929. Buruma's Village, Boror, Mozambique.

## MUNGOS MUNGO CAURINUS Thomas

*Mungos caurinus* Thomas, Ann. Mag. Nat. Hist. (9) 17: 182, Jan. 1926. Gunnal, Portuguese Guinea.

## MUNGOS MUNGO COLONUS (Heller)

*Crossarchus fasciatus colonus* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 16, 28 Feb. 1911. Southern Guaso Nyiro, Sotik district, Kenya Colony.

## MUNGOS MUNGO GOTHNEH (Heuglin and Fitzinger)

*Herpestes gothneh* Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 54: sect. 1, p. 560, 1866. Kordofan.

*Herpestes adailensis* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 28: no. 10, p. 5, pl. 2, f. 4 (skull), 1861; Petermann's Geogr. Mittheil., p. 17, 1861. Adail coast, Red Sea.

*Herpestes leucostethicus* Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 54: sect. 1, p. 561, 1866. Junction of the Sobat and Bahr-el-Abiad, Anglo-Egyptian Sudan.



## MUNGOS MUNGO GRISONAX Thomas

*Mungos mungo grisonax* Thomas, Proc. Zool. Soc. London, p. 294, 29 Apl. 1926. Otjumbumbi, 15 miles above Cunene Falls, Southwest Africa.

## MUNGOS MUNGO MACRURUS (Thomas)

*Crossarchus fasciatus macrurus* Thomas, Ann. Mag. Nat. Hist. (7) 19: 120, Jan. 1907. Ruwenzori Southeast, Uganda.

*Crossarchus fasciatus macrosus* Lydekker, Zool. Record for 1907, Mammalia, p. 61, 1908 (lapsus for *macrurus*).

## MUNGOS MUNGO MANDJARUM (Schwarz)

*Crossarchus fasciatus mandjarum* Schwarz, Jahrb. d. Nassauischen Ver. f. Naturk. in Wiesbaden, 68: 63, 1915. Bate, Cameroons.

## MUNGOS MUNGO NGAMIENSIS Roberts

*Mungos mungo ngamiensis* Roberts, Ann. Transvaal Mus., 15: 5, 1 Oct. 1932. Maun, Ngamiland, Bechuanaland, South Africa.

## MUNGOS MUNGO PALLIDIPES Roberts

*Mungos mungo pallidipes* Roberts, Ann. Transvaal Mus., 13: 69, 6 July 1929. Mooivlei, Rustenburg district, Transvaal.

## MUNGOS MUNGO ROSSI Roberts

*Mungos mungo rossi* Roberts, Ann. Transvaal Mus., 13: 89, 6 July 1929. Lake Bangweolo, Rhodesia.

## MUNGOS MUNGO SENESCENS (Thomas and Wroughton)

*Crossarchus fasciatus senescens* Thomas and Wroughton, Proc. Zool. Soc. London, p. 291, 1 Aug. 1907. Coguno, Inhambane, Mozambique.

## MUNGOS MUNGO SOMALICUS (Thomas)

*Crossarchus somalicus* Thomas, Ann. Mag. Nat. Hist. (6) 15: 531, June 1895. Sunerdorler, Webi Shebeli, Somaliland, 1500 feet.

## MUNGOS MUNGO TALBOTI (Thomas and Wroughton)

*Crossarchus talboti* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 374, May 1908. Bornu, northern Nigeria.

## MUNGOS MUNGO ZEBRA (Rüppell)

*Herpestes zebra* Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, Säugeth., 1: 30, pl. 9, f. 2; pl. 10, f. 1, 1835. Lowlands of Kulla and at Massawa, Eritrea.

## MUNGOS MUNGO ZEBROIDES (Lönnberg)

*Crossarchus zebroides* Lönnberg, Arkiv f. Zool., 4: no. 16, p. 7, 29 Apl. 1908. Mukimbungu, below Manyanga, Lower Congo.

## MUNGOTICTIS Pocock

*Mungotictis* Pocock, Ann. Mag. Nat. Hist. (8) 16: 120, Aug. 1915. Genotype  
*Mungotictis lineatus* Pocock = *Galidictis vittatus* Gray, 1848, not Schinz,  
 1844.

## MUNGOTICTIS LINEATA Pocock

*Galidictis vittata* Gray, Proc. Zool. Soc. London, p. 22, pl. 1, Mamm., 1 Aug.  
 1848. Tulyah Bay, Madagascar (not *Galidictis vittatus* Schinz, 1844).

*Mungotictis lineatus* Pocock, Ann. Mag. Nat. Hist. (8) 16: 506, Dec. 1915  
 (new name for *Galidictis vittata* Gray, 1848, not of Schinz, 1844). Mada-  
 gascar.

## MUNGOTICTIS SUBSTRIATA Pocock

*Mungotictis substriatus* Pocock, Ann. Mag. Nat. Hist. (8) 16: 121, pl. 7, f. 4,  
 Aug. 1915. Madagascar.

## MYONAX Thomas. Black-tipped Mongooses

*Galerella* Gray, Proc. Zool. Soc. London, for 1864, p. 509, May 1865 (in part);  
 J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 175, 11 Apl. 1924. Genotype  
*Herpestes ochraceus* Gray.

*Calogale* Gray, Proc. Zool. Soc. London, for 1864, p. 509, 560, May 1865 (in  
 part); Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 438, 1914 (in part).  
 Genotype *Herpestes nepalensis* Gray.

*Myonax* Thomas, Ann. Mag. Nat. Hist. (10) 2: 408, Nov. 1928. Genotype  
*Herpestes gracilis* Rüppell.

Review: Wroughton, R. C. On the African mongooses usually referred to  
 the *Herpestes gracilis* group. Ann. Mag. Nat. Hist. (7) 20: 110-121, Aug. 1907.

Schwarz (Ann. Mag. Nat. Hist. (10) 15: 300, Feb. 1935) regards *Myonax* as  
 inseparable from *Galerella*.

## MYONAX CAUUI CAUUI (A. Smith)

*Ichneumon cauui* A. Smith, Rept. Exped. for Exploring Central Africa, app.,  
 p. 42, 1836. Kurrichane, northwestern Transvaal.

*Herpestes punctulatus* Gray, Proc. Zool. Soc. London, p. 11, 11 Dec. 1849.  
 Port Natal, South Africa = Durban, Natal.

*Herpestes ornatus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 81, Feb.  
 1852; Reise nach Mossambique, Säugeth., p. 117, pl. 26, 1852. Tette,  
 Mozambique.

*Calogale venatica* Gray, Proc. Zool. Soc. London, for 1864, p. 563, May 1865.  
 "East Africa."

## MYONAX CAUUI BRADFIELDI Roberts

*Myonax cauui bradfieldi* Roberts, Ann. Transvaal Mus., 15: 2, 1 Oct. 1932.  
Quickborn Farm, 60 miles north of Okahandja, Southwest Africa.

## MYONAX CAUUI CALDATUS (Thomas)

*Herpestes cauui caldatus* Thomas, Proc. Zool. Soc. London, p. 374, 12 July 1927. Sandfontein, Gobabis-Bechuanaland border, Southwest Africa.

## MYONAX CAUUI KALAHARICUS Roberts

*Myonax cauui kalaharicus* Roberts, Ann. Transvaal Mus., 15: 2, 1 Oct. 1932.  
Gemsbok Pan, Bechuanaland, South Africa.

## MYONAX CAUUI KAOKOENSIS Roberts

*Myonax cauui kaokoensis* Roberts, Ann. Transvaal Mus., 15: 2, 1 Oct. 1932.  
Okorosave, Kaokoveld, Southwest Africa.

## MYONAX CAUUI KHANENSIS Roberts

*Myonax cauui khanensis* Roberts, Ann. Transvaal Mus., 15: 3, 1 Oct. 1932.  
Khan Mountains, east of Swakopmund, Southwest Africa.

## MYONAX CAUUI LANCASTERI Roberts

*Myonax cauui lancasteri* Roberts, Ann. Transvaal Mus., 15: 4, 1 Oct. 1932.  
Kafue River, Northern Rhodesia.

## MYONAX CAUUI NGAMIENSIS Roberts

*Myonax cauui ngamiensis* Roberts, Ann. Transvaal Mus., 15: 3, 1 Oct. 1932.  
Maun, Ngamiland, Bechuanaland, South Africa.

## MYONAX CAUUI OKAVANGENSIS Roberts

*Myonax cauui okavangensis* Roberts, Ann. Transvaal Mus., 15: 3, 1 Oct. 1932.  
Karakuise, Grootfontein district, Southwest Africa.

## MYONAX CAUUI SWALIUS (Thomas)

*Herpestes cauui swalius* Thomas, Proc. Zool. Soc. London, p. 292, 29 Apl. 1926. Great Brukaros Mountain, Great Namaqualand, Southwest Africa, 3500 feet.

## MYONAX CAUUI SWINNYI (Roberts)

*Mungos caui* (sic) *swinnyi* Roberts, Ann. Transvaal Mus., 4: 75, 20 Oct. 1913.  
Ngqeleni district, Pondoland, Cape of Good Hope.

## MYONAX DENTIFER (Heller)

*Mungos dentifer* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 10, 16 Sep. 1913. Maji-ya-Chumvi, Kenya Colony.

## MYONAX GRANTII (Gray)

*Calogale grantii* Gray, Proc. Zool. Soc. London, for 1864, p. 561, May 1865.  
Mgunda Mkali, Tanganyika Territory.

*Herpestes neumanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 121,  
1894. Tisso, northern Ugogo, Tanganyika Territory.

## MYONAX IGNITUS (Roberts)

*Mungos ignitus* Roberts, Ann. Transvaal Mus., 4: 76, 20 Oct. 1913. Malava,  
Boror, Mozambique.

## MYONAX NIGRATUS NIGRATUS Thomas

*Myonax nigratus* Thomas, Ann. Mag. Nat. Hist. (10) 2: 408, Nov. 1928.  
Okorosave, Kaokoland, Southwest Africa.

## MYONAX NIGRATUS SHORTRIDGEI Roberts

*Myonax shortridgei* Roberts, Ann. Transvaal Mus., 15: 1, 1 Oct. 1932. Cunene  
Falls, South Africa.

## MYONAX PULVERULENTUS PULVERULENTUS (Wagner)

*Herpestes pulverulentus* Wagner, Gelehrte Anzeigen d. K. Bayer. Akad. Wiss.,  
München, 9: 426, 12 Sep. 1839. Cape of Good Hope.

*Herpestes apiculatus* Gray, Proc. Zool. Soc. London, for 1864, p. 551, May 1865.  
Cape of Good Hope.

## MYONAX PULVERULENTUS BASUTICUS Roberts

*Myonax pulverulentus basuticus* Roberts, Ann. Transvaal Mus., 18: 253, 21 Feb.  
1936. Senqunyane Valley, Maluti Mountains, Basutoland.

## MYONAX PULVERULENTUS MARITIMUS (Roberts)

*Mungos pulverulentus maritimus* Roberts, Ann. Transvaal Mus., 6: 114, Apl.  
1919. Lambert's Bay, Cape of Good Hope.

## MYONAX RATLAMUCHI RATLAMUCHI (A. Smith). Ruddy Mongoose

*Ichneumon ratlamuchi* A. Smith, Rept. Exped. for Exploring Central Africa,  
app., p. 42, 1836. "Between Latakoo and the Tropic," South Africa.

*Herpestes badius* A. Smith, Illustr. Zool. South Africa, Mamm., pl. 4, and text,  
1838. Between Old Latakoo and Kurrichane, 120 miles eastward, Trans-  
vaal, South Africa.

## MYONAX RATLAMUCHI AURATUS (Thomas and Wroughton)

*Mungos auratus* Thomas and Wroughton, Proc. Zool. Soc. London, p. 543,  
30 Oct. 1908. Tette, Mozambique.

## MYONAX RATLAMUCHI IGNITOIDES Roberts

*Myonax auratus ignitoides* Roberts, Ann. Transvaal Mus., 15: 2, 1 Oct. 1932.  
Macequece, Mozambique.

**MYONAX RATLAMUCHI RUFESCENS (Lorenz)**

*Herpestes ornatus rufescens* Lorenz, Abh. Senckenburg. Naturf. Ges., Frankfurt a. M., 21: 462, 1898. Island of Zanzibar.

*Mungos melanurus lasti* Wroughton, Ann. Mag. Nat. Hist. (7) 20: 114, Aug. 1907. Zanzibar Island.

**MYONAX RATLAMUCHI UPINGTONI Shortridge**

*Myonax ratlamuchi upingtoni* Shortridge, Mammals of South West Africa, 1: 124, footnote, 1934. Between Upington and Louisvale, Orange River.

**MYONAX RUDDI (Thomas)**

*Herpestes ruddi* Thomas, Ann. Mag. Nat. Hist. (7) 12: 465, Oct. 1903. Klipfontein, Little Namaqualand, Southwest Africa.

**MYONAX SANGUINEUS SANGUINEUS (Rüppell)**

*Herpestes sanguineus* Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, Säugeth., 1: 27, pl. 8, f. 1; pl. 10, f. 3, 1835. Kordofan.

**MYONAX SANGUINEUS CANUS (Wroughton)**

*Mungos melanurus canus* Wroughton, Ann. Mag. Nat. Hist. (7) 20: 114, Aug. 1907. Cape Verde.

**MYONAX SANGUINEUS FLAVESCENS (Bocage)**

*Herpestes gracilis* var. *flavescens* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 179, Dec. 1889. Benguella, Angola. (Specific reference uncertain.)

**MYONAX SANGUINEUS GALBUS (Wroughton)**

*Mungos sanguineus galbus* Wroughton, Ann. Mag. Nat. Hist. (8) 3: 514, June 1909. Mubende, Uganda.

**MYONAX SANGUINEUS GRACILIS (Rüppell)**

*Herpestes gracilis* Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, 1: 29, pl. 8, f. 2; pl. 10, f. 2, 1835. Near Massawa, Eritrea.

*Ichneumia nigricaudatus* Geoffroy, Mag. de Zool., (2) 1: 18, 1839. Abyssinia; renaming of *Ichneumia gracilis* Rüppell.

*Herpestes galinieri* Guérin, in Ferret and Galinier's Voyage en Abyssinie, 3: 169, atlas, zool., pl. 1, fig. 1, 1847. Ethiopia. (On the plate the name is credited to Pucheran.)

*Herpestes lefebvrei* Prévost and Desmurs, in Lefebvre's Voyage en Abyssinie, atlas, zool., pl. 1, fig. 1, index, 1850. Abyssinia.

*Herpestes ochromelas* Pucheran, Rev. et Mag. de Zool., (2) 7: 393, Aug. 1855. Renaming of *H. gracilis* Rüppell, and of Prévost and Desmurs.

*Herpestes jodoprymnus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 23, 1861. Eastern Abyssinia (Ethiopia).

*Herpestes ruficauda* Heuglin, Reise in Nordost-Afrika, 2: 43, 1877. Highlands of Wolo-Gala, Abyssinia, 12,000 ft.

## MYONAX SANGUINEUS IBEÆ (Wroughton)

*Mungos sanguineus ibeæ* Wroughton, Ann. Mag. Nat. Hist. (7) 20: 118, Aug. 1907. Kikuyu, Kenya Colony.

*Calogale elegans* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 456, Dec. 1914. Kikuyu (Fort Smith), Kenya Colony.

*Calogale maræ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 453, Dec. 1914. On the Ngare Mbusse, a southern tributary of the Ngare Dobasch (Mara), between Lake Natron and Lake Victoria, Tanganyika Territory.

## MYONAX SANGUINEUS MELANURUS (Martin)

*Cynictis melanurus* Martin, Proc. Zool. Soc. London, p. 56, 13 Sep. 1836. Sierra Leone.

*Galerella sanguinea melanura* Schwarz, Ann. Mag. Nat. Hist. (10) 15: 300, Feb. 1935.

## MYONAX SANGUINEUS MUSTELA (Schwarz)

*Galerella sanguinea mustela* Schwarz, Ann. Mag. Nat. Hist. (10) 15: 300, Feb. 1935. Efulen, Ebolowa district, southern Cameroons.

## MYONAX SANGUINEUS MUTGIGELLA (Rüppell)

*Herpestes mutgigella* Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, Säugeth., 1: 29, pl. 9, f. 1, 1835. Dembea and Simen districts, Abyssinia (Ethiopia).

*Herpestes fuscus* Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, Säugeth., 1: 31, footnote, pl. 10, f. 4 (skull), 1835. Name given inadvertently to dark phase of *H. mutgigella*.

*Herpestes mutscheltschela* Heuglin, Reise in Nordost-Afrika, 2: 41, 1877 (emendation).

## MYONAX SANGUINEUS ORESTES (Heller)

*Mungos sanguineus orestes* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 15, 28 Feb. 1911. West slope of Mt. Kenya, Kenya Colony, 8500 ft.

## MYONAX SANGUINEUS PARVIPES (Hollister)

*Mungos sanguineus parvipes* Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 5, 10 Feb. 1916. Kaimosi, Kenya Colony.

## MYONAX SANGUINEUS PHENICURUS (Thomas)

*Mungos phenicurus* Thomas, Ann. Mag. Nat. Hist. (8) 10: 280, Sep. 1912. Panyam, Bauchi Province, northern Nigeria.

## MYONAX SANGUINEUS PROTEUS (Thomas)

*Mungos gracilis proteus* Thomas, Ann. Mag. Nat. Hist. (7) 19: 119, Jan. 1907. Ruwenzori East, Uganda, 7000 ft.



**MYONAX SANGUINEUS RENDILIS (Lönnberg)**

*Mungos sanguineus rendilis* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, 48: no. 5, p. 66, pl. 2, f. 3 (skull), 26 June 1912. Thornbush country, north of Northern Guaso Nyiro, Kenya Colony.

**MYONAX SANGUINEUS SAHARÆ (Thomas)**

*Herpestes phænicurus saharæ* Thomas, Ann. Mag. Nat. Hist. (9) 16: 189, July 1925. Aouderas, Asben, French Equatorial Africa.

**MYONAX SANGUINEUS UGANDÆ (Wroughton)**

*Mungos sanguineus ugandæ* Wroughton, Ann. Mag. Nat. Hist. (8) 3: 514, June 1909. Entebbe, Uganda.

**MYONAX SANGUINEUS ZOMBÆ (Wroughton)**

*Mungos melanurus zombæ* Wroughton, Ann. Mag. Nat. Hist. (7) 20: 115, Aug. 1907. Zomba, Nyasaland.

The status of the following is uncertain: —

*Calogale bruneo-ochracea* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 451, Dec. 1914. Mengo, Uganda.

*Calogale conradi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 454, Dec. 1914. Ukerewe Id., Lake Victoria, Tanganyika Territory.

*Calogale emini* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 452, Dec. 1914. Bukoba, Lake Victoria, Tanganyika Territory.

*Calogale ererensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 449, Dec. 1914. Erer River, east of Harar, northern Gallaland, Abyssinia (Ethiopia).

*Calogale erlangeri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 445, Dec. 1914. Near Dadab, hinterland of Zeila, on road to Harar, Abyssinia (Ethiopia).

*Calogale flaviventris* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 454, Dec. 1914. Tchamliho Mts., north of middle Ruwana River, east side of Lake Victoria.

*Calogale lademanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 441, Dec. 1914. Bubu, near Kondoa Irangi, Tanganyika Territory.

*Calogale mossambica* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 438, Dec. 1914. On the Cabaceira, Mozambique.

*Calogale ruasæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 449, Dec. 1914. Mission station of Ruasa near Lake Luhondo, northeast of Lake Kivu, Tanganyika Territory.

*Calogale schimperi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 444, Dec. 1914. Hamedo Plains, Tigre, Abyssinia (Ethiopia).

*Calogale türstigi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 446, Dec. 1914. Uplands of Erkaut, southwest of Suakin, Anglo-Egyptian Sudan.

## PARACYNICTIS Pocock

*Paracynictis* Pocock, Ann. Mag. Nat. Hist. (8) 17: 177, Feb. 1916. Genotype  
*Cynictis selousi* de Winton.

## PARACYNICTIS SELOUSI SELOUSI (De Winton)

*Cynictis selousi* De Winton, Ann. Mag. Nat. Hist. (6) 18: 469, Dec. 1896  
(skull); Proc. Zool. Soc. London, 1: 2-3, pl. 1 (colored; exterior), 1 June  
1901. Essex Vale, near Bulawayo, Matabeleland, Southern Rhodesia.

## PARACYNICTIS SELOUSI BECHUANÆ Roberts

*Paracynictis selousi bechuanæ* Roberts, Ann. Transvaal Mus., 15: 5, 1 Oct. 1932.  
Tsessebe Siding, Tati district, Bechuanaland, South Africa.

## PARACYNICTIS SELOUSI NGAMIENSIS Roberts

*Paracynictis selousi ngamiensis* Roberts, Ann. Transvaal Mus., 15: 5, 1 Oct.  
1932. 30 miles northwest of Maun, Lake Ngami, Bechuanaland.

## PARACYNICTIS SENGAAINI Roberts

*Paracynictis sengaani* Roberts, Ann. Transvaal Mus., 14: 227, pls. 6, 7, 8, ff. a,  
28 July 1931. Maputa, northern Zululand, Natal.

## RHYNCHOGALE Thomas

*Rhynchogale* Thomas, Proc. Zool. Soc. London, p. 139, June 1894. Genotype  
*Rhinogale melleri* Gray.

*Rhinogale* Gray, Proc. Zool. Soc. London, for 1864, p. 573, text-f. (cranium),  
May 1865; not of Gloger, 1842. Genotype *Rhynchogale melleri* Gray.

## RHYNCHOGALE CANICEPS Kershaw

*Rhynchogale caniceps* Kershaw, Ann. Mag. Nat. Hist. (9) 13: 79, Jan. 1924.  
Near Mbweni, 2.5 miles west of Kilosa, Tanganyika Territory.

## RHYNCHOGALE MELLERI (Gray)

*Rhinogale melleri* Gray, Proc. Zool. Soc. London, for 1864, p. 575, text-f.  
(cranium), May 1865. "East Africa" = Zomba, Nyasaland.

## SALANOIA Gray

*Galidia* I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 5: 580, 1837; Ann. des Sci.  
Nat., Zool., (2) 8: 251, Oct. 1837 (in part). Genotype *Galidia elegans*;  
originally included also *G. unicolor* and *G. olivacea*, now placed in *Salanoia*.  
*Salanoia* Gray, Proc. Zool. Soc. London, for 1864, p. 523, May 1865. As a sub-  
genus of *Galidia* to include *Galidia concolor* I. Geoffroy and *G. olivacea* I.  
Geoffroy. Genotype here designated as *Galidia olivacea* I. Geoffroy.

*Hemigalidia* Mivart, Proc. Zool. Soc. London, p. 143, June 1882. Genotype  
*Galidia olivacea* I. Geoffroy.

SALANOIA OLIVACEA (I. Geoffroy)

*Galidia olivacea* I. Geoffroy, Mag. de Zool. (2) 1: mamm., art. 5, p. 38, pl. 16,  
1839. Madagascar.

SALANOIA UNICOLOR (I. Geoffroy)

*Galidia unicolor* I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 5: 581, 1837.  
Madagascar.

*Galidia concolor* I. Geoffroy, Mag. de Zool. (2) 1: mamm., art. 5, p. 30, pl. 15,  
1839. Madagascar.

SURICATA Desmarest

*Suricata* Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: Tabl. Méthodique d.  
Mamm., p. 15, 1804. Genotype *Suricata capensis* Desmarest = *Viverra*  
*suricatta* Erxleben.

*Ryzæna* Illiger, Prodromus Syst. Mamm. et Avium, p. 134, 1811. Includes  
*Viverra tetradactyla* Schreber and *V. zenik* Gmelin.

*Rizæna* Blainville, Nouv. Dictionnaire d'Hist. Nat., 9: 339, 1817 (misprint).  
No species given.

*Rysæna* Lesson, Manuel de Mammalogie, p. 178, 1827 (lapsus).

*Rhyzæna* Wagner, Schreber's Säugthiere, Suppl., 2: 330, 1841 (emendation).  
Genotype *Rhyzæna* (= *Viverra*) *tetradactyla* Schreber.

SURICATA SURICATTA SURICATTA (Erxleben). Slender-tailed Mierkat

*Viverra suricatta* Erxleben, Syst. Regni Animalis, p. 488, 1777. "ad caput  
Bonæ Spei?"

*Viverra tetradactyla* Schreber, Säugthiere, 3: 434, pl. 117, 1778. Cape of Good  
Hope.

*Mus zenik* Scopoli, Deliciæ Faunæ et Flor. Insubricæ, 2: 84, 1786. No locality;  
based on Sonnerat, Voy. à la Chine, 2: 145, pl. 92, 1782.

*Suricata capensis* Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: Tabl.  
Méthodique d. Mamm., p. 15, 1804. Near Cape of Good Hope.

*Surikata viverrina* Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 32:  
297, pl. 27, f. 2, 1819. Cape of Good Hope.

*Ryzæna surakatta* A. Smith, Descrip. Cat. So. African Mus., p. 32, 1826.

*Rhyzæna typicus* A. Smith, South African Quart. Journ., 2: 117, 1834. South  
Africa.

SURICATA SURICATTA HAHNI Thomas

*Suricata suricatta hahni* Thomas, Proc. Zool. Soc. London, p. 376, 12 July 1927.  
Gobabis, Southwest Africa.

## SURICATA SURICATTA HAMILTONI Thomas and Schwann

*Suricata suricatta hamiltoni* Thomas and Schwann, Proc. Zool. Soc. London, 1: 133, 1 June 1905. Wakkerstroom, Transvaal.

## SURICATA SURICATTA LOPHURUS Thomas and Schwann

*Suricata suricatta lophurus* Thomas and Schwann, Proc. Zool. Soc. London, 1: 133, 1 June 1905. Near Grahamstown, Cape Colony.  
Range: Southeastern Cape Colony.

## SURICATA SURICATTA MARJORIÆ Bradfield

*Suricata marjoriæ* Bradfield, Description of New Races of Kalahari Birds and Mammals, (privately printed), Benoni, South Africa, p. 1, 26 Sep. 1935; The Auk, 53: 131, Jan. 1936 (reprinted). Saltpan, 10 miles north of Swakopmund, Southwest Africa.

## SURICATA SURICATTA NAMAQUENSIS Thomas and Schwann

*Suricata suricatta namaquensis* Thomas and Schwann, Proc. Zool. Soc. London, 1: 134, 1 June 1905. Klipfontein, Little Namaqualand, Cape Colony.

## XENOGALE J. A. Allen

*Xenogale* J. A. Allen, Journ. Mammalogy, 1: 26, 28 Nov. 1919. Genotype *Xenogale microdon* J. A. Allen.

## XENOGALE MICRODON J. A. Allen

*Xenogale microdon* J. A. Allen, Journ. Mammalogy, 1: 27, 28 Nov. 1919; Bull. Amer. Mus. Nat. Hist., 47: 199, text-f. 58-60, 61, A, B, pl. 27, 11 Apl. 1924. Akenge, Niapu, northeastern Congo Belge.

## Family PROTELIDÆ. Aard-wolves

## PROTELES I. Geoffroy. Aard-wolf

*Proteles* I. Geoffroy, Mém. Mus. d'Hist. Nat., Paris, 11: 355, pl. 20, 1824. Genotype *Proteles lalandii* I. Geoffroy = *Viverra cristata* Sparrman. *Geocyon* Wagler, Naturl. Syst. d. Amphibien, p. 30, 1830. Genotype *Proteles lalandii* I. Geoffroy.

## PROTELES CRISTATUS CRISTATUS (Sparrman)

*Viverra cristata* Sparrman, Resa Goda-Hopps-Udden, 1: 581, 1783. Near Little Fish River, Somerset East, Cape Colony.  
*Viverra hyenoides* Desmarest, Encyclop. Méthod., Mammalogie, Suppl., p. 538, 1821. Cape of Good Hope.  
*Proteles lalandii* I. Geoffroy, Mém. Mus. d'Hist. Nat., Paris, 11: 371, pl. 20, 1824. Near Algoa Bay, Cape of Good Hope.

*Proteles typicus* A. Smith, South African Quart. Journ., 2: 96, 1834. South Africa.

PROTELES CRISTATUS HARRISONI W. Rothschild

*Proteles cristatus harrisoni* W. Rothschild, Novitates Zool., 9: 443, July 1902. Umpata, Mossamedes district, southern Angola.

PROTELES CRISTATUS PALLIDIOR Cabrera

*Proteles cristatus pallidior* Cabrera, Ann. Mag. Nat. Hist. (8) 6: 464, Nov. 1910. Suakin, Nubia.

PROTELES CRISTATUS SEPTENTRIONALIS W. Rothschild

*Proteles cristatus septentrionalis* W. Rothschild, Novitates Zool., 9: 443, July 1902. Somaliland.

PROTELES CRISTATUS TERMES Heller

*Proteles cristatus termes* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 9, 16 Sep. 1913. Kabalot Hill, headwaters of Amala River, west of Loita Plains, Kenya Colony.

PROTELES CRISTATUS TRANSVAALENSIS Roberts

*Proteles cristata transvaalensis* Roberts, Ann. Transvaal Mus., 15: 6, 1 Oct. 1932. Roodekuil, Pretoria, Transvaal.

## Family HYÆNIDÆ. Hyenas

### CROCUTA Kaup. Spotted Hyenas

*Crocuta* Kaup, Oken's Isis, 21: column 1145, 1828. Genotype *Canis crocuta* Erxleben.

*Crocotta* Kaup, Skizzirte Entw.-Geschichtl. u. Natürl. Syst. Europ. Thierwelt, 1: 78, 1829. Genotype *Canis crocuta* Erxleben.

CROCUTA CROCUTA CROCUTA (Erxleben)

*Canis crocuta* Erxleben, Systema Regni Animalis, p. 578, 1777. ". . . ad caput Bonæ Spei," = Senegambia (see Cabrera, A., Proc. Zool. Soc. London, p. 95, 1911).

*Hyæna maculata* Thunberg, Mém. Acad. Imp. Sci. St. Pétersbourg, 3: 302, 1811. South Africa.

*Hyæna rufa* Desmarest, Nouveau Dict. d'Hist. Nat., 15: 499, 1817. Cape of Good Hope. Based on G. Cuvier's account in Recherches sur Ossements Foss.

*Hyæna capensis* Desmarest, Nouveau Dict. d'Hist. Nat., 15: 499, 1817. Cape of Good Hope.

- Hyæna maculata* Ödmann, Kongl. Svenska Vet.-Akad. Handl., Stockholm, p. 70, 1820. Cape of Good Hope (renaming of Erxleben's *H. crocuta*).
- Hyæna encrita* A. Smith, Trans. Linn. Soc. London, 15: 461, 1827. Misprint for *crocuta*.
- Hyæna cuvieri* Boitard, Le Jardin des Plantes, p. 223, 1842. Cape of Good Hope.
- Hyæna (Crocotta) wissmanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 22, 1900. Epukiro, Southwest Africa.
- Hyæna (Crocotta) gariepensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 25, 1900. Bamboo Mts., between the Orange, Count Reynett and Cradock, north of the Liqua River, South Africa.
- Hyæna weissmanni* Trouessart, Cat. Mamm. Viv. Foss., part 1, p. 243, 1904 (errorim).

#### CROCUTA CROCUTA FISI Heller

- Crocuta crocuta fisi* Heller, Smithsonian Misc. Coll., 61: no. 22, p. 5, 26 Jan. 1914. Merelle waterholes, Marsabit Road, northern Kenya Colony.

#### CROCUTA CROCUTA FORTIS J. A. Allen

- Crocuta crocuta fortis* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 214, 11 Apl. 1924. Faradje, northeastern Congo Belge.

#### CROCUTA CROCUTA GERMINANS (Matschie)

- Hyæna (Crocotta) germinans* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 26, 1900. Lake Rukwa, Tanganyika Territory.
- Crocotta kibonotensis* Lönnberg, Wiss. Ergebn. Schwed. Zool. Exp. Kilimandjaro 1905-06, u. Leitung Sjöstedt, Mammals, p. 16, pl. 5, f. 1; pl. 7, f. 1, 1908. Kibonoto steppe, Kilimanjaro, Tanganyika Territory.
- Crocotta panganensis* Lönnberg, Wiss. Ergebn. Schwed. Zool. Exp. Kilimandjaro, 1905-06, u. Leitung Sjöstedt, Mammals, p. 18, pl. 5, f. 2; pl. 7, f. 2, 1908. Kibonoto, Kilimanjaro, Tanganyika Territory.
- Crocuta nzojæ* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 11: 200, Apl. 1911. Nzoia River, Guas Ngishu plateau, Kenya Colony.
- Crocuta nyasæ* Cabrera, Proc. Zool. Soc. London, p. 99, 22 Mar. 1911. Mt. Milanji, southern Nyasaland.

#### CROCUTA CROCUTA HABESSYNICA (Blainville)

- Hyæna crocuta habessynica* Blainville, Ostéographie, 2: les hyènes, p. 82; atlas, pl. 6, fig. of teeth, 1844. Abyssinia (implied).
- Hyæna (Crocuta) leontiewi* Satunin, Zool. Anzeiger, 29: 556, 28 Nov. 1905. Abyssinia (= Ethiopia), exact locality unknown.
- Crocuta rufopicta* Cabrera, Proc. Zool. Soc. London, p. 97, 22 March 1911. Odweina, 100 miles south of Berbera, Somaliland.
- Crocuta thomasi* Cabrera, Proc. Zool. Soc. London, p. 98, 22 Mar. 1911. Ankole, Uganda.



## CROCUTA CROCUTA THIERRYI (Matschie)

*Hyæna (Crocotta) thierrii* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 30, 1900. Sansanne Mangu, northern Togo, (now French West Africa).

*Hyæna (Crocotta) togoensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 31, 1900. Kratyi, or Krachi, Togo (now French West Africa).

*Hyæna (Crocotta) noltei* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 211, 2 text-figs., 1900. Upper Sanaga, South Cameroons.

## HYÆNA Brisson. Striped Hyenas

*Hyæna* Brisson, Regnum Animale in Classes IX Distrib., ed. 2, pp. 13, 169, 1762. Genotype *Hyæna hyæna* Brisson = *Canis hyæna* Linnæus, of India.

*Euhæna* Falconer, Paleontol. Memoirs, 2: 464, 1868. As a subgenus of *Hyæna*; type *Canis hyæna* Linnæus.

Review: Pocock, R. I. The races of the Striped and Brown Hyenas. Proc. Zool. Soc. London, for 1934, p. 799-825, 14 Jan. 1935.

## HYÆNA BRUNNEA BRUNNEA Thunberg. Brown Hyena

*Hyæna brunnea* Thunberg, Kongl. Svenska Vet.-Akad. Handl., Stockholm, p. 59, pl. 2, 1820. Cape of Good Hope.

*Hyæna fusca* E. Geoffroy, Dictionnaire Class. d' Hist. Nat., 8: 444, pl. 14, f. 2, Sep. 1825. No locality.

*Hyæna villosa* A. Smith, Trans. Linn. Soc. London, 15: 461, pl. 19, 1827. South Africa.

## HYÆNA BRUNNEA MELAMPUS Pocock

*Hyæna brunnea melampus* Pocock, Proc. Zool. Soc. London, for 1934, p. 824, 14 Jan. 1935. Otjitundua, central Kaokoveld, Southwest Africa, 4500 ft.

Range: Kaokoveld, Damaraland, and Upington district, about 500 miles inland from coast, Southwest Africa.

## HYÆNA HYÆNA BARBARA Blainville

*Hyæna vulgaris barbara* Blainville, Ostéographie, Mamm., 2: les Hyènes, pp. 6, 81; atlas, pls. 2, 6, 1844. Oran, western Algeria.

*Hyæna suilla* Filippi, Mem. Real Accad. Sci. Torino, (2) 13: 131, 1853. Locality unknown.

## HYÆNA HYÆNA DUBBAH Meyer

*Hyæna dubbah* F. A. A. Meyer, Syst.-summarisch. Uebersicht d. Entdeckungen in Neu-Holland u. Africa, p. 94, 1793. Atbara, Anglo-Egyptian Sudan; based on Bruce's Travels to discover Source of Nile, 5: 115, pl. 26, 1791, German ed.

*Canis hyænomelas* Desmarest, Encyclop. Méthodique, Mammalogie, p. 215, footnote, 1820. Atbara, Anglo-Egyptian Sudan (based on Latreille's reference to Bruce in Sonnini's ed. of Buffon, Hist. Nat., 27: 25, 1800).

*Hyæna dubia* Schinz, Das Thierreich von Cuvier, 4: 509, 1825. Dongola.

*Hyæna hienomelas* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 53, 1900. Atbara, Anglo-Egyptian Sudan (based on Bruce's description).

*Hyæna (Hyæna) schillingsi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 55, 1900. West Njiri Swamp, Massi plains, near Kilimanjaro, Tanganyika Territory.

*Hyæna (Hyæna) hienomelas bergeri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 365, Oct. 1910. Elgeyo Escarpment, east of Sirgoi, Kenya Colony.

*Hyæna schillingsi rendilis* Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 64, Jan. 1912. North of Northern Guaso Nyiro, Kenya Colony.

HYÆNA HYÆNA VULGARIS Desmarest

*Hyæna vulgaris* Desmarest, Encyclop. Méthodique, Mammalogie, p. 215, 1820. No exact locality, but assigned by Geoffroy and Cuvier (Hist. Nat. des Mamm., 1: no. 146 and text, Sep. 1819) to Egypt.

## Family FELIDÆ. Cats

### Subfamily CRYPTOPROCTINÆ

#### CRYPTOPROCTA Bennett

*Cryptoprocta* Bennett, Proc. Zool. Soc. London, p. 46, 24 May 1833. Genotype *Cryptoprocta ferox* Bennett.

CRYPTOPROCTA FEROX Bennett. Le Fosa

*Cryptoprocta ferox* Bennett, Proc. Zool. Soc. London, p. 46, 24 May 1833. Madagascar.

*Cryptoprocta typicus* A. Smith, South African Quart. Journ., 2: 134, 1834. Madagascar.

### Subfamily FELINÆ. Typical Cats

#### ACINONYX Brookes. Cheetahs

*Acinonyx* Brookes, Cat. Anat. and Zool. Mus. of Joshua Brookes, p. 16, 1828. Genotype *Acinonyx venator* Brookes = *Felis venatica* H. Smith.

*Cynailurus* Wagler, Natürl. Syst. Amphib., p. 30, 1830. Genotype *Felis jubata* Linnæus.

*Guepardus* Duvernoy, L'Institut, Paris, 2: 145, 5 May 1834. Genotype not specified; includes *Guepardus flavus* Schreber (pl. 105) and *Felis guttata* Hermann.

*Guepar* Boitard, Le Jardin des Plantes, p. 174, 1842. No type specified; included *Guepar jubatus* (Schreber) and *Felis guttata* Hermann.

*Cynofelis* Lesson, Nouv. Table Règne Anim., Mamm., p. 48, 1842. Included *Felis jubata* Schreber and *F. guttata* Hermann, of which the latter is excluded, leaving the former as genotype.

*Gueparda* Gray, List Spec. Mamm. Brit. Mus., p. 46, 13 May 1843. Genotype *Felis jubata* Schreber.

#### ACINONYX JUBATUS JUBATUS (Schreber). South African Cheetah

*Felis jubata* Schreber, Säugthiere, 3: 392, 586, pl. 105, 1776. Cape of Good Hope (see Hollister, Proc. Biol. Soc. Washington, 24: 225, 31 Oct. 1911; also Hilzheimer, M., Sitzb. Ges. Naturf. Freunde, Berlin, p. 283-292, 4 text-f., 1913, who believes Schreber's figure is that of an Indian cheetah).

*Felis fearonii* A. Smith, South African Quart. Journ., 2: 245, 1834. Northeast of Natal.

*Felis fearonis* Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 664, 1869. Cape of Good Hope.

*Felis lanea* P. L. Selater, Proc. Zool. Soc. London, p. 532, Oct. 1877. Beaufort West, Cape of Good Hope.

#### ACINONYX JUBATUS HECKI Hilzheimer

*Acinonyx hecki* Hilzheimer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 288, text-f. 1, 1913. Senegal, West Africa.

*Felis jubata senegalensis* Blainville, Ostéographie, Felis, atlas, pl. 10, 1843. Senegal. Not *Felis leo senegalensis* von Meyer, 1826.

#### ACINONYX JUBATUS NGORONGORENSIS Hilzheimer

*Acinonyx guttatus ngorongorensis* Hilzheimer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 290, text-f. 3, 1913. Ngorongoro, south of Lake Natron, Tanganyika Territory.

#### ACINONYX JUBATUS OBERGI Hilzheimer

\**Acinonyx guttatus obergi* Hilzheimer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 289, text-f. 2, 1913. Ketmannshoop, Southwest Africa.

#### ACINONYX JUBATUS RAINEYI Heller

*Acinonyx jubatus raineyi* Heller, Smithsonian Misc. Coll., 61: no. 19, p. 9, 8 Nov. 1913. Ulu Station, Kapiti Plains, Kenya Colony.

#### ACINONYX JUBATUS SOEMMERINGII (Fitzinger)

*Cynailurus soemmeringii* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 17: pt. 2, p. 245, 1855. Steppes of Kababish, south of Bajuda Desert, Kordofan, Anglo-Egyptian Sudan.

*Felis megabalica* Heuglin, Leopoldina, Amtliche Organ K. Leop.-Carol. Deutsch. Akad. d. Naturf., 4: no. 3, p. 23, May 1863. West bank of Bahr-el-Abiad, Anglo-Egyptian Sudan.

*Acinonyx wagneri* Hilzheimer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 285, 1913. Kordofan (based on description of specimen collected by Rüppell, in Wagner's Schreber's Säugthiere, Suppl., 2: 503, 1841).

ACINONYX JUBATUS VELOX Heller

*Acinonyx jubatus velox* Heller, Smithsonian Misc. Coll., 61: no. 19, p. 7, 8 Nov. 1913. Agate's, Loita Plains, Kenya Colony.

ACINONYX REX Pocock

*Acinonyx rex* Pocock, Abstr. Proc. Zool. Soc. London, no. 283, p. 18, 1 Mar. 1927; Proc. Zool. Soc. London, p. 250, pl. 1 (col.), text-f. 6, 8, 6 Apr. 1927. Umvukwe Range, northwest of Salisbury, Rhodesia.

Cabrera (Los mamíferos de Marruecos, p. 191, 1932) regards this as an individual variation of the usual type of Cheetah found in Rhodesia.

CARACAL Gray. Caracals

*Caracal* Gray, List Spec. Mamm. Brit. Mus., p. 46 (as *Caracala* on p. xx), 13 May 1843 (nomina nuda); Proc. Zool. Soc. London, p. 277, Oct. 1867. Genotype *Caracal melanotis* Gray = *Felis caracal* Schreber.

*Lynx* G. Fischer, Zoognosia, 3: 229, 1814, in part. Genotype *Felis lynx* Linnaeus.

*Urolynchus* Severtzow, Rev. et Mag. de Zool., (2) 10: 389, Sep. 1858. Genotype *Felis caracal* Schreber.

CARACAL CARACAL CARACAL (Schreber). The Cape Caracal.

*Felis caracal* Schreber, Säugthiere, pl. 110, before July, 1776; text, 3: 413, 587, 1777. Table Mountain, Cape of Good Hope. See Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 279, 11 Apr. 1924, as to type locality and authority.

*Caracal melanotis* Gray, List Spec. Mamm. Brit. Mus., p. 46, 13 May 1843; Cat. Carnivorous, Pachyd. and Edentate Mamm. Brit. Mus., p. 38, 1869. Substitute for *Felis caracal* Schreber (the specific name is a barbaric word said to mean black-eared). Cape of Good Hope.

CARACAL CARACAL ALGIRUS (A. Wagner)

*Felis caracal* P. L. S. Müller, Linné's Natursystems, Suppl., p. 30, 1776, not *F. caracal* Schreber. "Arabia," but probably near Constantine, Algeria, based on "le Caracal" of Buffon (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 280, 11 Apr. 1924).

*Felis caracal*, var. *algira* A. Wagner, in M. Wagner, Reisen in d. Regenschafft Algier, 3: 76, pl. 4, 1841. Algeria.

*Caracal berberorum* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 114, 1892. Constantine, Algeria.

*Felis* (*Caracal*) *berberorum spatzi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 61, 1912. Between Feriana and Tebessa, Tunis.

*C[aracal] berberorum medjerdae* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 62, 1912. Tunis.

*Felis (Caracal) nubicus corylinus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 63, 1912. Type purchased in Hamburg from a ship sailing from a Moroccan harbor, and supposed to be from Tangiers.

CARACAL CARACAL COLONIÆ Thomas

*Caracal caracal coloniæ* Thomas, Ann. Mag. Nat. Hist. (9) 17: 181, Jan. 1926. Deelfontein, central Cape Colony, South Africa.

CARACAL CARACAL DAMARENSIS (Roberts)

*Lynx caracal damarensis* Roberts, Ann. Transvaal Mus., 11: 248, 14 Sep. 1926. Quickborn, Okahandja, Damaraland, Southwest Africa.

CARACAL CARACAL LIMPOPOENSIS (Roberts)

*Lynx caracal limpopoensis* Roberts, Ann. Transvaal Mus., 11: 248, 14 Sep. 1926. Njellele River, north of Zoutpansberg, near Limpopo River, northern Transvaal.

CARACAL CARACAL LUCANI (Rochebrune)

*Lynx lucani* Rochebrune, Bull. Soc. Philomathique, Paris, (7) 9: 87, 1885. Landana, northern Angola, north of the Congo mouth. Possibly valid race.

CARACAL CARACAL NUBICUS (J. B. Fischer)

*Felis caracal γ nubicus* J. B. Fischer, Synopsis Mamm., p. 210, 1829. Nubia (implied).

CARACAL CARACAL PÆCILTIS Thomas and Hinton

*Caracal caracal pæciltis* Thomas and Hinton, Novitates Zool., 28: 3, May 1921. Mt. Baguezan, Asben, northern Nigeria.

CARACAL CARACAL ROTHII (Roberts)

*Lynx caracal rothii* Roberts, Ann. Transvaal Mus., 11: 247, 14 Sep. 1926. Elandshoek, Drakensberg, Barberton district, Transvaal.

FELIS Linnæus

Note: The old genus *Felis* Linnæus was used in a widely inclusive sense, and has in later years been variously divided into groups by different authors, some of whom give generic, others subgeneric rank to all or certain ones of these divisions. At present, a conservative treatment suggests retaining most of the groups in a subgeneric sense as members of *Felis*. See Allen, J. A., Severt-

zow's classification of the Felidæ, Bull. Amer. Mus. Nat. Hist., 41: 335-340, 22 Sep. 1919; Pocock, R. I., The classification of existing Felidæ, Ann. Mag. Nat. Hist. (8) 20: 328-350, Nov. 1917.

### Subgenus FELIS Linnæus

*Felis* Linnæus, Syst. Nat., ed. 10, 1: 41, 1758. Genotype *Felis catus* Linnæus.

*Catus* Fitzinger, Wiss.-pop. Nat. Säugethiere, 1: 265, 1855. Genotype *Felis catus* Linnæus.

*Catolynx* Severtzow, Rev. et Mag. de Zool., (2) 10: 389, Sep. 1858. Genotype *Felis caligata* Temminck.

FELIS CATUS Linnæus. House Cat

*Felis catus* Linnæus, Syst. Nat., ed. 10, 1: 42, 1758. Upsala, Sweden (see Thomas, O., Proc. Zool. Soc. London, p. 136, Mar. 1911).

Domesticated and now occasionally feral in parts of Africa.

*Felis obscura* Desmarest, Encyclop. Méthodique, Mammalogie, p. 230, 1820. Cape of Good Hope. Status indeterminate; "probably based upon a melanistic specimen of the domestic cat described as *F. torquata*, or upon a mongrel between that breed and *F. ocreata*" (Pocock, R. I., Proc. Zool. Soc. London, p. 669, 9 Oct. 1907).

*Felis caligata*,  $\beta$  *hybrida* J. B. Fischer, Synopsis Mamm., p. 209, 1829. The *F. obscura* of Desmarest and Chat noir du Cap of F. Cuvier. In Africa from Egypt to Cape of Good Hope.

*Felis bouvieri* Rochebrune, ex A. Milne-Edwards MS., Actes Soc. Linn. Bordeaux, (4) 7: 126, 1883. Cape Verde Islands; also found in Senegambia. Probably a breed of *F. catus*.

FELIS CHAUS NILOTICA De Winton. Swamp Cat

*Felis rüppellii* (sic) Brandt, Bull. Soc. Imp. des Nat., Moscou, 4: 209, 1832. Egypt. (Not *Felis rüppellii* Schinz, 1825, which is a synonym of *F. lybica ocreata* Gmelin.) Based on *Felis chaus* Rüppell, Atlas zu d. Reise im nördl. Afrika, pt. 1, Zool., pl. 4, 1826.

*Felis chaus nilotica* De Winton, Ann. Mag. Nat. Hist. (7) 2: 292, Oct. 1898. Near Cairo, Egypt.

Range: Nile Delta, south to Qena Province, and west to about 155 miles west of Alexandria (Flower, S.S., Proc. Zool. Soc. London, p. 390, 8 July 1932).

FELIS LYBICA LYBICA Forster

*Felis lybica* Forster, in Buffon's Naturgesch. d. Vierfüss. Thiere, 6: 313, 1780. Gafsa, Tunis (name based on Bruce's description; see Cabrera, A., Los Mamíferos de Marruecos, p. 167, 1932).

*Felix* (sic) *lynx lybiensis* Kerr, Linnæus's Animal Kingdom, p. 156, 1792. Capsa, Libya.



*Felis cristata* Lataste, Actes Soc. Linn. Bordeaux, (4) 9: 229, 1885 (not of Falconer and Cautley). Haïdra, Tunis.

*Felis lybica cyrenarum* Ghigi, Mem. Real. Accad. Sci. Ist. Bologna, cl. di sci. fis., (7) 7: 79, Dec. 1920. Cirene, Cyrenaica, Libya.

Range: Extreme southeastern Morocco, along the northern border of the Sahara to southern Tunis (Cabrera, 1932).

FELIS LYBICA CAFRA Desmarest

*Felis cafra* Desmarest, Encyclop. Méthod., Mammalogie, Suppl., p. 540, 1822. South Africa, the Cape of Good Hope.

FELIS LYBICA CONSTANTINA Forster

*Felis constantina* Forster, in Buffon's Naturgesch. d. Vierfüßs. Thiere, 6: 313, 1780. Vicinity of Constantine, Algeria (name based on Buffon's account, derived from James Bruce; see Cabrera, A., Los Mamíferos de Marruecos, p. 169, pl. 7 (col.), 1932).

*Felis constantinensis* Link, Beytr. Naturgesch., 1: pt. 2, p. 91, 1795 (nomen nudum).

*Felis caracal*,  $\beta$  *algericus* J. B. Fischer, Synopsis Mamm., p. 210, 1829. Algeria (implied).

*Felis libyca* I. Geoffroy, Descr. d. Collections de V. Jaquemont, Mamm. et Oiseaux, p. 56, 1843. Tangiers.

*Felis ocreata mauritana* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 6: 362, July 1906. Mogador, Morocco.

Range: Morocco, from at least the Grand Atlas and Atlantic Ocean on the west, to northern Algiers and Tunis (Cabrera).

FELIS LYBICA GRISELDA Thomas

*Felis ocreata griselda* Thomas, Ann. Mag. Nat. Hist. (9) 17: 180, Jan. 1926. Fifty miles south of Dombe Grande, Benguela, Angola.

FELIS LYBICA HAUSSA Thomas and Hinton

*Felis haussa* Thomas and Hinton, Novitates Zool., 28: 2, May 1921. Zinder, northern Nigeria.

FELIS LYBICA MELLANDI Schwann

*Felis ocreata mellandi* Schwann, Ann. Mag. Nat. Hist. (7) 13: 423, June 1904. Mpika, northeastern Rhodesia.

FELIS LYBICA NAMAQUANA Thomas

*Felis ocreata namaquana* Thomas, Ann. Mag. Nat. Hist. (9) 17: 180, Jan. 1926. Klipfontein, Little Namaqualand, Southwest Africa.

Range: High desert portion of northwestern South Africa.

## FELIS LYBICA NANDÆ Heller

*Felis ocreata nandæ* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 14, 16 Sep. 1913. Headwaters of Lukosa River, Nandi Escarpment, Kenya Colony, 7000 feet.

## FELIS LYBICA OCREATA Gmelin

*Felis ocreata* Gmelin, Anhang zu Bruce, J., Reisen in Africa, 2: 27, 79, 1791. Ras-el-Fil, north of Lake Tana, Abyssinia (Ethiopia).

*Felis guttata* Hermann, Observationes Zool., p. 38, 1804. Egypt (by implication). This description, supplied by the editor, Hammer, is regarded by Hollister as probably unidentifiable, and is supposed by Hilzheimer to be a serval, but the size, fulvous ears without white bar, and details of pattern make it almost certainly *F. l. ocreata*.

*Felis rüppelii* (sic) Schinz, Cuvier's Thierreich, 4: 509, 1824 (not *Felis rüppelii* Brandt, 1832). Dongola.

*Felis maniculata* Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördl. Afrika, Säugeth., p. 1, pl. 1, 1826. Nubia, west side of Nile at Ambukol.

*Felis bubastis* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio jj, Nov. 1832. Egypt (the sacred cat of ancient Egypt).

*Felis dongolana* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio jj, Nov. 1832. Egypt.

*Felis pulchella* Gray, Charlesworth's Mag. Nat. Hist., 1: 577, Nov. 1837. Egypt.

## FELIS LYBICA RUBIDA Schwann

*Felis ocreata rubida* Schwann, Ann. Mag. Nat. Hist. (7) 13: 422, 426, June 1904. Monbuttu (= Niangara), Congo Belge.

## FELIS LYBICA RUSTICANA Thomas

*Felis ocreata rusticana* Thomas, Ann. Mag. Nat. Hist. (10) 1: 319, Feb. 1928. Zuurbron, Wakkerstroom district, Transvaal.

## FELIS LYBICA TAITÆ Heller

*Felis ocreata taitæ* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 14, 16 Sep. 1913. Voi, Kenya Colony.

## FELIS LYBICA UGANDÆ Schwann

*Felis ocreata ugandæ* Schwann, Ann. Mag. Nat. Hist. (7) 13: 424, June 1904. Mulema, Uganda, 5000 ft.

## FELIS LYBICA VERNAYI Roberts

*Felis ocreata vernayi* Roberts, Ann. Transvaal Mus., 15: 6, 1 Oct. 1932. Tsotsoroga Pan, northern Bechuanaland, South Africa.

## FELIS LYBICA XANTHELLA Thomas

*Felis ocreata xanthella* Thomas, Proc. Zool. Soc. London, p. 291, 29 Apl. 1926. Ukualukasi, northwestern Ovamboland, Southwest Africa.

**FELIS MARGARITA MARGARITA** Loche. Sand Cat

*Felis margarita* Loche, Rev. et Mag. de Zool. (2) 10: 49, pl. 1, Feb. 1858. Near Négonça, Algeria.

*Felis marginata* Gray, Proc. Zool. Soc. London, p. 275, 1867 (errorim).

*Felis marguerittei* Trouessart, Causeries Sci. Soc. Zool. de France, 1: 386, Aug. 1905 (emendation on the ground that the spelling should conform to that of Général Margueritte for whom the species was named).

Range: The Algerian Sahara, possibly to Senegal. A distinct species, according to S. S. Flower, confined to sandy deserts.

**FELIS MARGARITA AIRENSIS** Pocock

*Felis margarita airensis* Pocock, Ann. Mag. Nat. Hist. (11) 1: 472, Apl. 1938. In-Abbangarit, west of Air, southwestern Sudan.

**FELIS MARGARITA MEINERTZHAGENI** Pocock

*Felis margarita meinertzhageni* Pocock, Ann. Mag. Nat. Hist. (11) 1: 472, Apl. 1938. El Golea, Algerian Sahara.

Subgenus **LEPTAILURUS** Severtzow. Serval

*Leptailurus* Severtzow, Rev. et Mag. de Zool. (2) 10: 389, Sep. 1858. Genotype *Felis serval* Schreber.

*Serval* Brehm, Führer Zool. Garten Hamburg, 6 ed., p. 53, 1864. Genotype *Serval maculatus*.

*Servalina* Grevé, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 63: 76, 1894. Genotype *Felis serval* Schreber.

*Galeopardus* Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 54: sect. 1, p. 557, 1866. Genotype *Felis serval* Schreber.

**FELIS BRACHYURA BRACHYURA** Wagner. Small-spotted Serval

*Felis servalina* Ogilby, Proc. Zool. Soc. London, p. 94, Nov. 1839. Sierra Leone. Not *F. servalina* Jardine, 1837, see Cabrera, A., Bol. Real Soc. Española Hist. Nat., Madrid, 10: 427, Nov. 1910.

*Felis brachyura* Wagner, Schreber's Säugthiere, Suppl., 2: 547, 1841. Proposed as a substitute for *Felis servalina* Ogilby, preoccupied by *F. servalina* Jardine, 1837.

*Felis ogilbyi* Schinz, Synopsis Mamm., 1: 469, 1844. Sierra Leone. Renaming of *Felis servalina* Ogilby, 1839, not *F. servalina* Jardine, 1837, a synonym of *F. ornata*.

Note: This is possibly merely an alternative form of the Serval rather than a distinct species.

**FELIS BRACHYURA LIPOSTICTA** Pocock

*Felis ogilbyi liposticta* Pocock, Proc. Zool. Soc. London, p. 666, 9 Oct. 1907. Mombasa, Kenya Colony, but this is doubtless merely the port of shipment, hence the type may have come "from some place on the Mombasa to Uganda Railway," and is probably identical with *F. o. pantasticta*.

*Felis servalina larseni* Thomas, Ann. Mag. Nat. Hist. (8) 12: 91, July 1913.  
Near Bembe, Congo district of northern Angola. Lönnberg (Rev. Zool. Africaine, 7: 238, 1920) says this is indistinguishable from *liposticta*.

FELIS BRACHYURA PANTASTICTA Pocock

*Felis servalina pantasticta* Pocock, Proc. Zool. Soc. London, p. 665, pl. 38, f. 3, 9 Oct. 1907. Entebbe, Uganda.

*Felis servalina poliotricha* Pocock, Proc. Zool. Soc. London, p. 665, 9 Oct. 1907.  
Monbuttu = Niangara, Congo Belge (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 270, 11 Apl. 1924). A gray phase of *F. b. liposticta* (Lönnberg, E., Rev. Zool. Africaine, 7: 238, 1920).

FELIS SERVAL SERVAL Schreber. Large-spotted Serval

*Felis serval* Schreber, Säugthiere, pl. 108, 1776; text, 3: 407, 587, 1777. Cape of Good Hope. The name is based on Schreber's plate which is a copy of Buffon's plate 34, of Hist. Nat., 13: 1765.

*Felis capensis* J. R. Forster, Phil. Trans. Roy. Soc. London, 71: pt. 1, p. 4, pl. 1, 1781. Cape of Good Hope.

*Felis galeopardus* Desmarest, Encyclop. Méthod., Mammalogie, 1: 227, 1820.  
No locality, name unidentifiable.

FELIS SERVAL BEIRÆ Wroughton

*Felis capensis beiræ* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 206, Feb. 1910.  
Beira, Mozambique.

FELIS SERVAL FARADJIA (J. A. Allen)

*Leptailurus serval faradjius* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 267, pl. 65-70, 74, f. 1, 11 Apl. 1924. Faradje, northeastern Congo Belge.

FELIS SERVAL FERRARIJ de Beaux

*Felis capensis ferrarii* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 63: 4, July 1924. Giumbo, Italian Somaliland.  
For Capt. G. Ferrari, coll.

FELIS SERVAL HAMILTONI (Roberts)

*Leptailurus serval hamiltoni* Roberts, Ann. Transvaal Mus., 14: 227, 28 July 1931. 'Mabbaat River, Kruger National Park, Transvaal.

FELIS SERVAL HINDEI Wroughton

*Felis capensis hindei* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 205, Feb. 1910.  
Machakos, Kenya Colony.

FELIS SERVAL KEMPI Wroughton

*Felis capensis kempi* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 206, Feb. 1910.  
Kirui, Mt. Elgon, Kenya Colony.

## FELIS SERVAL KIVUENSIS Lönnberg

*Felis serval kivuensis* Lönnberg, Rev. Zool. Africaine, 7: 242, 30 Dec. 1919.  
Kivu district, Congo Belge.

## FELIS SERVAL LIMPOPOENSIS (Roberts)

*Leptailurus capensis limpopoensis* Roberts, Ann. Transvaal Mus., 11: 248, 14 Sep. 1926. Fairfield, Rustenburg, Transvaal.

## FELIS SERVAL LÖNNBERGI Cabrera

*Felis (Serval) togoensis niger* Lönnberg, Zool. Jahrb., Syst., 10: 571, 26 Nov. 1897. Not *Felis nigra* Erxleben, 1777, a melanistic jaguar. Kunene River, opposite mouth of the Kakulovar, southwestern Angola.

*Felis serval lönnbergi* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 10: 427, Nov. 1910. Substitute for *Felis togoensis niger* Lönnberg, not *Felis nigra* Erxleben.

## FELIS SERVAL MABABIENSIS (Roberts)

*Leptailurus serval mababiensis* Roberts, Ann. Transvaal Mus., 15: 7, 1 Oct. 1932. Mababe Flats, northern Bechuanaland, South Africa.

## FELIS SERVAL PHILLIPSI G. M. Allen

*Felis capensis phillipsi* G. M. Allen, Bull. Mus. Comp. Zool., 58: 337, July 1914. El Garef, Blue Nile, Anglo-Egyptian Sudan.

## FELIS SERVAL POCOCCI Cabrera

*Felis senegalensis* Lesson, Mag. de Zool., (2) 1: Mamm., pl. 10 and 2 pp. text, 1839. "Les bords du fleuve Sénégal." Not *Felis leo senegalensis* von Meyer, 1826.

*Felis serval pococki* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 10: 427, Nov. 1910. Senegal; name proposed in place of *Felis senegalensis* Lesson, preoccupied by *Felis leo senegalensis* von Meyer, 1826.

## FELIS SERVAL TOGOENSIS Matschie

*Felis (Serval) togoensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 109, 1 Mar. 1893. Bismarckburg, Togo, Dahomey.

## Subgenus MICROFELIS Roberts

*Microfelis* Roberts, Ann. Transvaal Mus., 11: 250, 14 Sep. 1926. Genotype *Felis nigripes* Burchell. See Pocock, R. I., Notes upon some African species of the genus *Felis*, based upon specimens recently exhibited in the Society's Gardens, Proc. Zool. Soc. London, p. 669-674, 1907.

Although regarded by Roberts as a full genus, the characters given do not seem to be of more than subgeneric value.

**FELIS NIGRIPES NIGRIPES** Burchell

*Felis nigripes* Burchell, Travels in Interior of South Africa, 2: 592, footnote, 1824. Batlaping, South Africa.

Range: Sand plains of the Kalahari Desert region.

**FELIS NIGRIPES THOMASI** Shortridge

*Felis (Microfelis) nigripes thomasi* Shortridge, Records Albany Mus., Grahamstown, 4: 119, pl. 17, 9 Jan. 1931. Thorn Kloof (Carlisle Bridge), near Grahamstown, South Africa.

Subgenus **PROFELIS** Severtzow. Golden Cat

*Profelis* Severtzow, Rev. et Mag. de Zool. (2) 10: 386, 390, Sep. 1858. Type *Felis celidogaster* Temminck = *F. aurata* Temminck.

*Chrysailurus* Severtzow, Rev. et Mag. de Zool. (2) 10: 389, 390, Sep. 1858. Type *Felis neglecta* Gray = *F. aurata* Temminck.

*Catopuma* Severtzow, Rev. et Mag. de Zool. (2) 10: 387, 390, Sep. 1858 (subgenus of *Felis*). Type *Felis moormensis* Hodgson = *F. temminckii* Vigors and Horsfield.

**FELIS AURATA AURATA** Temminck

*Felis aurata* Temminck, Monographies de Mamm., 1: 120, 1827. No locality. *Felis chrysothrix* Temminck, Monographies de Mamm., 1: 251, 1827 (substitute for *F. aurata* Temminck, not Rafinesque).

*Felis celidogaster* Temminck, Monographies de Mamm., 1: 140, 1827 (the gray phase). Said to have come from Chile or Peru but doubtless from West Africa.

*Felis neglecta* Gray, Ann. (Mag.) Nat. Hist. (1) 1: 27, Mar. 1838. Sierra Leone.

*Felis rutilus* Waterhouse, Proc. Zool. Soc. London, for 1842, p. 130, Jan. 1843. Mandingo country, Sierra Leone.

**FELIS AURATA COTTONI** Lydekker

*Felis chrysothrix cottoni* Lydekker, Proc. Zool. Soc. London, for 1906, 992, 994, pl. 70, f. 1, 11 Apl. 1907. Ituri Forest, Congo Belge. Probably a valid race (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 274, 11 Apl. 1924).

Subgenus **PANTHERA** Oken

*Panthera* Oken, Lehrbuch d. Naturgesch., pt. 3, Zool., sect. 2, p. 1058, 1816. Genotype *Panthera vulgaris* Oken = *Felis pardus* Linnæus.

*Leo* Oken, Lehrbuch d. Naturgesch., pt. 3, Zool., sect. 2, p. 1070, 1816. Type *Felis leo* Linnæus.

*Leopardus* Gray, Proc. Zool. Soc. London, for 1857, p. 278, 28 Jan. 1858 (not of Gray, 1842). Genotype *Leopardus hernandesii* Gray.



*Jaguaris* Severtzow, Rev. et Mag. de Zool., (2) 10: 386, Sep. 1858. Genotype *Panthera* (= *Felis*) *onca* Linnæus.

*Leonina* Grevé, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 63: no. 1, p. 60, 1894. Subgenus of *Felis*, type *Felis leo* Linnæus.

Review: Pocock, R. I. The leopards of Africa. Proc. Zool. Soc. London, p. 543-591, pl. 1-4, text-f. 1-9, 8 July 1932.

FELIS LEO LEO Linnæus. The Barbary Lion

*Felis leo* Linnæus, Syst. Nat., ed. 10, 1: 41, 1758. "Africa," fixed as Constantine, Algeria (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 222, 11 Apl. 1924).

*Felis leo*, race 1, *barbaricus* J. N. von Meyer, Dissertatio Inaug. Anat.-Med. de Genere Felium, p. 6, about 1 Aug. 1826. Barbary.

*Felis leo*, a *barbarus* J. B. Fischer, Synopsis Mamm., p. 197, 1829. Based on Cuvier's "Lion de Barbarie" = from Constantine, Algeria.

*Leo africanus* Jardine, Naturalist's Library, Mamm., 2 (Felinæ): 118, 1834. "Africa."

*Felis leo nubicus* Blainville, Ostéographie, Mammifères, Genus *Felis*, p. 58; atlas, pl. 6, 1843. Nubia.

*Felis leo nigra* Loche, Exploration Sci. de l'Algérie, Zool., Mamm., p. 35, 1867. Algeria.

*Felis leo* var. *somaliensis* Noack, Jahrbuch. Hamburg. Wiss. Anstalt., 9: pt. 1, p. 120, 1891. "Somaliland" (type in Berlin Zool. Garden). Status uncertain.

FELIS LEO AZANDICUS (J. A. Allen).

*Leo leo azandicus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 224, pl. 37-40, 11 Apl. 1924. Vankerkhovenville, northeastern Congo Belge.

FELIS LEO BLEYENBERGHI Lönnberg

*Felis leo bleyenberghi* Lönnberg, Rev. Zool. Africaine, 3: 273, 20 Jan. 1914. Katanga, Congo Belge.

FELIS LEO HOLLISTERI (J. A. Allen)

*Leo leo hollisteri* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 229, 11 Apl. 1924. Lime Springs, Sotik, Kenya Colony.

FELIS LEO KAMPTZI Matschie

*Felis leo kamptzi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 92, text-f. (skull), 1900. Yoko, upper Sanaga, Cameroons.

FELIS LEO KRUGERI (Roberts)

*Leo leo krugeri* Roberts, Ann. Transvaal Mus., 13: 91, 6 July 1929. Brixton, Sabi Game Reserve, eastern Transvaal.

## FELIS LEO MASSAICA Neumann

*Felis leo massaicus* Neumann, Zool. Jahrb., Syst., 13: 550, 10 Oct. 1900. Kibaya and Gurui, Tanganyika Territory.

*Felis leo sabakiensis* Lönnberg, in Wiss. Ergebn. d. Schwed. Zool. Exped. nach Kilimandjaro, 1905-06, u. Leitung Sjöstedt, p. 22, pl. 3, f. 4, 1908. Kibonoto and Leitokitok, northwest of Kilimanjaro, Tanganyika Territory.

*Felis leo roosevelti* Heller, Smithsonian Misc. Coll., 61: no. 19, p. 2, 8 Nov. 1913. "Near Addis Ababa," Ethiopia, but "cannot be separated subspecifically" from *F. l. massaica* (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 1, p. 165, 1918).

## FELIS LEO MELANOCHAITUS (Hamilton Smith). Cape Lion.

*Felis leo e capensis* J. B. Fischer, Synopsis Mamm., addenda, p. 565, 1829. Based on the South African Lion of Griffith's Cuvier, Anim. Kingdom, 5: 163, 1827. South Africa. Not *Felis capensis* Forster, 1781, = *Felis serval* Schreber.

*Felis (Leo) melanochaitus* Hamilton Smith, Jardine's Naturalist's Library, ed. 2, Mam., 15: 177, 1858. Cape of Good Hope.

*Felis (Leo) melanochatus* Hamilton Smith, Jardine's Naturalist's Library, ed. 2, 15: pl. 10, 1858. Cape of Good Hope.

## FELIS LEO NYANZÆ Heller

*Felis leo nyanzæ* Heller, Smithsonian Misc. Coll., 61: no. 19, p. 4, 8 Nov. 1913. Kampala, Uganda, north shore of Lake Victoria.

## FELIS LEO SENEGALENSIS J. N. von Meyer

*Felis leo*, race 3, *senegalensis* J. N. von Meyer, Dissertatio Inaug. Anat.-Med. de Genere Felium, p. 6, about 1 Aug. 1826. Senegal. (Not *Felis senegalensis* Lesson, 1839, for a servaline cat).

*Leo gambianus* Gray, List Spec. Mamm. Brit. Mus., p. 40, 13 May 1843. Interior of Gambia. (Renaming of *Felis leo senegalensis* Fischer).

## FELIS PARDUS PARDUS Linnæus. Egyptian Leopard.

*Felis pardus* Linnæus, Syst. Nat., ed. 10, 1: 41, 1758. "In Indiis"; but type locality fixed by Thomas (Proc. Zool. Soc. London, 1: 135, 1911) as Egypt. (See also Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 10: 422, 1910; J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 248, 11 Apl. 1924).

*Felis fusca* F. A. A. Meyer, Zool. Annalen, 1: 394, 1794. Bengal. Pocock (Proc. Zool. Soc. London, p. 558, 8 July 1932) writes that he "cannot find any differences either in size, colour, pattern, cranial, or dental characters between the leopards of India . . . and those of Kenya and Tanganyika," and adopts *fusca* as the subspecific name for those of both areas, with various races intervening. The implication is that the Indian and East African leopards in turn are not different from typical *pardus*.

*Felis leopardus suahelicus* Neumann, Zool. Jahrb., Syst., 13: 551, 10 Oct. 1900.

Lake Manyara district, northern Ugogo, northeastern Tanganyika Territory (see Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 1, p. 171, 16 Aug. 1918).

*Felis pardus fortis* Heller, Smithsonian Misc. Coll., 61: no. 19, p. 5, 8 Nov. 1913.

Loita Plains, Southern Guaso Nyiro district, Kenya Colony.

FELIS PARDUS ADERSI (Pocock). Zanzibar Leopard

*Panthera pardus adersi* Pocock, Abstr. Proc. Zool. Soc. London, no. 347, p. 33,

26 Apl. 1932; Proc. Zool. Soc. London, p. 563, pl. 2, 8 July 1932. Near Chuaka, Island of Zanzibar.

FELIS PARDUS ADUSTA (Pocock)

*Panthera pardus adusta* Pocock, Ann. Mag. Nat. Hist. (9) 20: 214, Aug. 1927.

Highlands of Abyssinia (Ethiopia).

*Leopardus poliopardus* Brehm, Reise nach Habesch, p. 106, 1863. Not *Felis poliopardus* Fitzinger (Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 17: 295, 1855), said to be a menagerie hybrid between a jaguar and a black leopard.

*Panthera nimr, niger* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 58: sect. 1, p. 466, 1868. Abyssinia. Not *Felis nigra* Erxleben, 1777 (a black jaguar).

Range: Highlands of Ethiopia.

FELIS PARDUS ANTINORII de Beaux

*Felis nimr* Hemprich und Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio gg, pl. 17, Nov. 1832 (in part, as to an Abyssinian skin). Arabia Felix.

*Felis pardus minor* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 199, 1895; nomen nudum. Sudan region. Not *Felis onca minor* Hamilton Smith, based on Griffith, Cuvier's Anim. Kingdom, 2: 456, pl., 1827.

*Felis pardus antinorii* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 62: 278, Feb. 1924. Keren, Bogos Country, Eritrea.

Range: Eritrea and adjacent parts of Abyssinia.

FELIS PARDUS BROCKMANI (Pocock)

*Panthera pardus brockmani* Pocock, Proc. Zool. Soc. London, p. 555, 8 July 1932. Upper Sheikh in the Golis Range, British Somaliland.

Range: British Somaliland, "apparently as far south as Jubaland" (Pocock).

FELIS PARDUS CHUI Heller

*Felis pardus chui* Heller, Smithsonian Misc. Coll., 61: no. 19, p. 6, 8 Nov. 1913. Gondokoro, Uganda.

## FELIS PARDUS ITURENSIS (J. A. Allen)

*Felis pardus centralis* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 49, text-f. 3-5, 1 Sep. 1917. Kabare, Lake Albert Edward, Congo Belge. Not *Felis centralis* Mearns, 1901, a Central American jaguar.

*Panthera pardus iturensis* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 259, 11 Apl. 1924. Niapu, northeastern Congo Belge.

## FELIS PARDUS LEOPARDUS Schreber

*Felis leopardus* Schreber, Säugthiere, pl. 101, 1775; text, 3: 387, 586, 1777. Senegal, based on Buffon's account of a leopard "du Sénégal ou de Guinée;" see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 250, 11 Apl. 1924.

*Felis pæcilura* Valenciennes, Compt. Rend. Acad. Sci. Paris, 42: 1036, 1856. Gaboon.

## FELIS PARDUS MELANOTICA Günther. Cape Leopard

*Felis leopardus* var. *melanot[ica]* Günther, Proc. Zool. Soc. London, p. 243, pl. 16, 1 Aug. 1885; p. 203, text-f., Aug. 1886. Hills, 40 miles from Grahams-town, Cape of Good Hope.

*Felis pardus melanosticta* Lydekker, Game Animals of Africa, p. 430, 1908 (errore). Grahamstown district, South Africa.

## FELIS PARDUS NANOPARDUS Thomas

*Felis pardus nanopardus* Thomas, Ann. Mag. Nat. Hist. (7) 14: 94, Aug. 1904. Forty miles west of Gorahai, Somaliland.

Range: Italian Somaliland.

## FELIS PARDUS PANTHERA Schreber. North African Leopard

*Felis panthera* Schreber, Säugthiere, 3: 384, 587, 1777; pl. 99, 1776. Algeria; based on a copy of Buffon's plate of a female from that country. See Cabrera, A., Los Mamíferos de Marruecos, p. 179, 1932.

*Felis palearia* F. Cuvier, Hist. Nat. des Mamm., pl. 121 and text, 1832. Algeria.

*Felis pardus barbarus* Blainville, Ostéographie, 2: "Felis," p. 186; atlas, pl. 6, 1843. Barbary coast. Not *Felis leo*, var. *barbarus* J. B. Fischer, 1829.

## FELIS PARDUS PUELLA (Pocock)

*Panthera pardus puella* Pocock, Abstr. Proc. Zool. Soc. London, no. 347, p. 33, 26 Apl. 1932; Proc. Zool. Soc. London, p. 588, text-f. 9, 8 July 1932. Okoro-save, central Kaokoveld, Damaraland, Southwest Africa.

## FELIS PARDUS REICHENOWI (Cabrera)

*Panthera pardus reichenowi* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 18: 481, Dec. 1918. Yoko, Cameroons.

## FELIS PARDUS RUWENZORII Camerano

*Felis pardus ruwenzorii* Camerano, Boll. Mus. Zool. ed Anat. Comp. Univ. Torino, 21: no. 545, p. 1, 1906. Bujungolo, Ruwenzori, Uganda, 3800 m.

## FELIS PARDUS SHORTRIDGEI (Pocock)

*Panthera pardus shortridgei* Pocock, Abstr. Proc. Zool. Soc. London, no. 347, p. 33, 26 Apl. 1932; Proc. Zool. Soc. London, p. 584, 8 July 1932. Ganguo, Okavango River, western Caprivi, Damaraland, Southwest Africa.

## Order PINNIPEDIA

## Family OTARIIDÆ. Fur Seals and Sea Lions

## ARCTOCEPHALUS F. Cuvier

*Arctocephalus* F. Cuvier, Dictionnaire d. Sci. Nat., 39: 554, 1826. Genotype *Phoca ursina* Linnæus.

*Arctophoca* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 276, 1866. Genotype *Otaria philippi* Peters.

*Halarctus* Gill, Proc. Essex Inst., Salem, Communications, 5: 7, 11, July, 1866. Genotype *Arctocephalus delalandii* Gray.

*Euotaria* Gray, Ann. Mag. Nat. Hist. (4) 4: 269, Oct. 1869. Genotype not specified, but intended for *Otaria byronia*.

*Gypsophoca* Gray, Ann. Mag. Nat. Hist. (4) 4: 269, Oct. 1869. Genotype not specified, the Australian Fur Seal.

## ARCTOCEPHALUS PUSILLUS (Schreber). Cape Fur Seal

*Phoca pusilla* Schreber, Säugthiere, 3: 314, 1776; 584, 1777; pl. 86, 1775. "In den levantischen, und nach dem Herrn Grafen von Buffon, im indischen Meere," but assumed to be South Africa. "The pertinence of the name *pusilla* to the African Fur Seal is not beyond reasonable doubt" (Allen, J. A., Hist. North Amer. Pinnipeds, p. 212, 1880).

*Phoca parva* Boddart, Elenchus Anim., p. 172, 1785 (based on Buffon's "Petit Phoque." Mediterranean Sea = South Africa.

*Phoca antarctica* Thunberg, Mém. Acad. des Sci. St. Pétersbourg, 3: 222, 1811.

*Otaria peronii* Desmarest, Encyclop. Méthod., Mammalogie, p. 250, 1820. Cape of Good Hope (Pagès); "l'Inde" (Daubenton).

*Arctocephalus delalandii* Gray, Proc. Zool. Soc. London, p. 107, pl. 69, Feb.-June 1859. Cape of Good Hope.

*Arctocephalus nivosus* Gray, Ann. Mag. Nat. Hist. (4) 1: 219, Mar. 1868; Suppl. Cat. Seals and Whales Brit. Mus., p. 27, 1871. Cape of Good Hope.

*Arctocephalus schist-hyperoës* Turner, Journ. Anat. and Phys., 3=(2) 2: 113, text-f., Nov. 1868. Cape of Good Hope.

?*Euotaria compressa* Gray, Hand-list Seals, Morses, Sea-lions, and Sea-bears Brit. Mus., p. 38, pl. 24, 1874. ?South Africa.

Range: Coast of South Africa, from Algoa Bay west and north to Cape Cross.

## Family PHOCIDÆ. Hair Seals

## MONACHUS Fleming. Monk Seals

- Monachus* Fleming, Philosophy of Zool., 2: 187, footnote, 1822. Genotype *Phoca monachus* Hermann.
- Pelagios* F. Cuvier, Mém. Mus. d'Hist. Nat., Paris, 11: 196, pl. 2, 1824. Genotype *Phoca monachus* Hermann.
- Pelagius* F. Cuvier, Dictionnaire des Sci. Nat., 39: 550, 1826. Genotype *Phoca monachus* Hermann.
- Heliophoca* Gray, Ann. Mag. Nat. Hist. (2) 13: 201, Mar. 1854; Proc. Zool. Soc. London, for 1854, p. 43, 1855. Genotype *Heliophoca atlantica* Gray = *Monachus monachus* (Hermann).

## MONACHUS MONACHUS (Hermann). Mediterranean Monk Seal

- Phoca monachus* Hermann, Beschäftigungen d. Berlin. Ges. Naturf. Freunde, 4: 501, pl. 12, 13, 1779. Mediterranean Sea.
- Phoca albiventer* Boddart, Elenchus Anim., p. 170, 1785. Adriatic Sea.
- Phoca bicolor* Shaw, Gen. Zoology, 1: Mamm., pt. 2, p. 254, 1800. Adriatic seacoasts.
- Phoca leucogaster* Péron, Voy. aux Terres Austr., 2: 47, footnote, 1817. Nîmes, France.
- Phoca hermannii* Lesson, Dictionnaire Class. d'Hist. Nat., 13: 416, Jan. 1828. Adriatic Sea.
- Monachus mediterraneus* Nilsson, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1837, p. 235, 1838. Adriatic Sea and Greek Archipelago.
- Heliophoca atlantica* Gray, Ann. Mag. Nat. Hist. (2) 13: 202, Mar. 1854; Proc. Zool. Soc. London, for 1854, p. 43, 10 Jan. 1855. Deserta Grande Island, Madeira group.
- Range: Mediterranean Sea and adjacent coasts of Africa, to Madeira and Canary Islands.

## MIROUNGA Gray. Elephant Seals

- Macrorhinus* F. Cuvier, Dictionnaire des Sci. Nat., 39: 552, art. "Phoques," 1826. Genotype *Phoca proboscidea* Péron. Preoccupied by *Macrorhinus* Latreille, 1825, in Coleoptera.
- Mirounga* Gray, in Griffith's Cuvier, Animal Kingdom, 5: 179, 1827. As a subgenus of *Phoca*. No type specified. Included *Phoca cristatus* Gmelin and the Elephant Seals (four species).
- Morunga* Gray, List Spec. Mamm. British Mus., pp. xxiii, 103, 13 May 1843 (misprint? for *Mirounga*, here made a genus). Genotype *Phoca lionina* Linnæus.
- Rhinophoca* Wagler, Natürl. Syst. Amphib., p. 27, 1830. Genotype *Phoca proboscidea* Péron.



- MIROUNGA LEONINA (Linnaeus). Southern Elephant Seal  
*Phoca leonina* Linnaeus, Syst. Nat., ed. 10, 1: 37, 1758. "ad polum Antareticum."  
*Phoca elephantina* Molina, Saggio sulla Storia Nat. Chili, p. 280, 1782. "Isole di Gio: Fernandes, alle Coste di Araneo, all' Arcipelago di Chiloë, e verso lo stretto Magellánico."  
*Phoca proboscidea* Péron, Voy. aux Terres Austr., 2: 34, pl. 32, 1817. King Island, New South Wales.  
*Phoca ansonii* Desmarest, Encyclopédie Méthodique, Mammalogie, 1: 239, 1820 (in part). Falkland Ids.  
*Phoca byronii* Desmarest, Encyclopédie Méthodique, Mammalogie, 1: 240, 1820. Island of Tinian, Marianne Ids.  
*M[irounga] patagonica* Gray, in Griffith's Cuvier, Animal Kingdom, 5: 180, 1827. Patagonia (by implication).  
*Phoca dubia* J. B. Fischer, Synopsis Mamm., p. 235, 1829. "In insulis Maluinis" = Magellanic region, Falkland Ids.  
*C[ystophora] falklandica* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 394, footnote, 1875. Falkland Ids. (by implication).  
*C[ystophora] kerguelensis* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 394, footnote, 1875. Kerguelen Id. (by implication).  
 Range: Southern Ocean, antarctic islands, north in the Pacific to Juan Fernandez, and formerly in the South Atlantic as far north as Tristan da Cunha, South African coast (1926), and island of St. Helena to about 1739 (see Fraser, F. C., Proc. Linn. Soc. London, for 1934-35, pp. 34-35, 1936).

## Order CETACEA. Whales, Dolphins

### Family DELPHINIDÆ. Dolphins and Porpoises

#### CEPHALORHYNCHUS Gray

- Cephalorhynchus* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., 36, pl. 16, 1846. As a subgenus of *Delphinus*; no type specified but later fixed as *Delphinus heavisidii* Gray.

#### CEPHALORHYNCHUS HEAVISIDII (Gray)

- Delphinus (Grampus) heavisidii* Gray, Spicilegia Zool., 1: 2, pl. 2, f. 6, 1828. Cape of Good Hope.  
*Delphinus capensis* F. Cuvier, Hist. Nat. des Mammifères, pt. 58, and pl., 1829.  
*D[elphinus] cephalorhynchus* F. Cuvier, Hist. Nat. des Cétacés, p. 158, 1836. Coast of Cape of Good Hope.  
*D[elphinus] hastatus* F. Cuvier, Hist. Nat. des Cétacés, p. 161, 1836. Cape of Good Hope.

*Delphinus tridens* Van Beneden, ex Sunk MS., Bull. Acad. Roy. Sci., Lettres et Beaux-arts Belgique, Bruxelles, (2) 36: 32, pl. 36, f. 1, 1873. Cape Town, Cape of Good Hope.

*Orca capensis* Van Beneden, Bull. Acad. Roy. Sci., Lettres et Beaux-arts Belgique, Bruxelles, (2) 36: 32, pl. 36, f. 1, 1873. Cape Town, Cape of Good Hope.

### DELPHINUS Linnæus

*Delphinus* Linnæus, Syst. Nat., ed. 10, 1: 77, 1758. Genotype *Delphinus delphis* Linnæus.

*Rhinodelphis* Wagner, Schreber's Säugthiere, Suppl., 7: 281, 316, 1846. Subgenus of *Delphinus* to include the dolphins with a beak. Of the 86 species mentioned *Delphinus delphis* may be selected as the type.

### DELPHINUS CAPENSIS Gray

*Delphinus capensis* Gray, Spicilegia Zool., 1: 2, pl. 2, f. 1, 1828. Cape of Good Hope.

*D[elphinus] longirostris* G. Cuvier, Règne Animal, ed. 2, 1: 288, 1829 (not of Gray, 1828). Malabar coast.

### DELPHINUS DELPHIS Linnæus. Common Ocean Dolphin

*Delphinus delphis* Linnæus, Syst. Nat., ed. 10, 1: 77, 1758. "In Oceano Europæo."

?*Delphinus novæ-zealandiæ* Quoy and Gaimard, Voy. Astrolabe, Zool., 1: 149, 1830.

*Delphinus fulvifasciatus* Wagner, Schreber's Säugthiere, Suppl., 7: pl. 361, f. 1, 1846. Based on d'Urville's figure.

*Delphinus janira* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 41, pl. 23, 1846. Newfoundland.

*Delphinus albinus* Peale, U. S. Explor. Exped., ed. 1, 8: Mamm. and Ornith., p. 33, pl. 7, f. 1, 1848. Coast of Chile, 27° 16' S., 75° 30' W.

*Delphinus sao* Gray, Cat. Cetacea Brit. Mus., p. 125, 1850; Cat. Seals and Whales Brit. Mus., ed. 2, p. 248, 1866. Off Madagascar.

*Delphinus algeriensis* Loche, Revue et Mag. de Zool., (2) 12: 474, pl. 22, f. 1, Nov. 1860. Coast of Algeria.

*Delphinus moorii* Gray, Proc. Zool. Soc. London, for 1865, p. 736, text-f. 1, Apl. 1866. South Atlantic, 34° S., 7° 3' W.

*Delphinus moorei* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 396, 1866.

*Delphinus walkeri* Gray, Proc. Zool. Soc. London, for 1865, p. 737, text-f. 2, Apl. 1866; Cat. Seals and Whales Brit. Mus., ed. 2, p. 397, text-f. 100, 1866. South Atlantic, 35° 38' S., 0° 10' E.

*Delphinus forsteri* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 42, pl. 24, 1846; Cat. Seals and Whales Brit. Mus., ed. 2, p. 248, 1866. Between New Caledonia and Norfolk Island.

- Delphinus pomeeagra* Owen, Trans. Zool. Soc. London, 6: 23, pl. 6, f. 3, 15 Aug. 1866. Off coast of Madras, India.
- Delphinus major* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 396, 1866. No locality.
- Delphinus marginatus* Lafont, Actes Soc. Linn. Bordeaux, (3) 6: 518, 15 Sep. 1868. Coast of Arcachon, dept. Gironde, France.
- Delphinus bairdii* Dall, Proc. California Acad. Sci., 5: 12, 29 Jan. 1873. Cape Arguello, California.
- Delphinus susus, sowerbianus, variegatus, balteatus, moschatus* Lafont, Fischer, P., Actes Soc. Linn. Bordeaux, (4) 5=35: 127, 1881. Coast of France.

### GLOBICEPHALA Lesson. Blackfish

- Globicephala* Lesson, Hist. Nat. Gén. et Partic. des Mamm. et Oiseaux découverts depuis 1788, (Compl. Œuvres de Buffon) 1: [276, pl. 8], 441, 1828. Genotype *Delphinus deductor* Scoresby = *Delphinus melas* Traill.
- Globiocephalus* Gray, List Spec. Mamm. Brit. Mus., p. xxii, 13 May 1843; Zool. Voy. Erebus and Terror, 1: Mamm., p. 32, 1846. Genotype not specified; three species included.
- Sphærocephalus* Gray, Proc. Zool. Soc. London, p. 244, Nov. 1864; Cat. Seals and Whales Brit. Mus., ed. 2, p. 323, text-f. 63, 64, 1866. Subgenus of *Globiocephalus* Gray; type *Globiocephalus incrassatus* Gray = *Globicephala melæna* (Traill).
- Globicephalus* Van Beneden and Gervais, Ostéographie des Cétacés, p. 554, 1777. Genotype *Globicephala melæna* (Traill).
- Globiceps* Flower, Proc. Zool. Soc. London, for 1883, p. 508, Apl. 1884. Genotype *Delphinus melas* Traill.

### GLOBICEPHALA MELÆNA (Traill). North Atlantic Blackfish.

- Delphinus melas* Traill, Nicholson's Journ. Nat. Philos., Chem. and Arts, 22: 81, pl. 3, Feb. 1809. Scapay Bay, Pomona, Orkney Ids.
- Delphinus globiceps* G. Cuvier, Ann. Mus. d'Hist. Nat., Paris, 19: 14, pl. 1, 2 ff., 1812. St. Brieux, France.
- Delphinus grinda* Lyngbye, Tidskr. f. Naturvidensk., 4: 232, 1825. Færoe Islands.
- Delphinus intermedius* Harlan, Journ. Acad. Nat. Sci. Philadelphia, (1) 6: 51, pl. 1, f. 3, June 1827. Salem Harbor, Mass. Not *Delphinus intermedius* Gray, 1827 = *Orcinus orca* (Linnæus).
- Delphinus harlani* J. B. Fischer, Synopsis Mamm., p. (456) 656, 1829. Coast of New England (substitute for *D. intermedius* Harlan, not Gray, 1827).
- Globiocephalus affinis* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 32, 1846. No locality.
- Globiocephalus srineval* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 32, 1846. East Coast of North America.

*Globiocephalus edwardsii* A. Smith, Illustr. Zool. South Africa, Mamm., p. 127, 1849. Near Slangkop, Cape of Good Hope.

Above reference is quoted with description, by Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 320, 1866, but does not appear in the copy at hand.

*Globiocephalus incrassatus* Gray, Proc. Zool. Soc. London for 1861, p. 309, 2 figs., Apl. 1862. Coast of Dorsetshire, England.

*Globiocephalus propinquus* Malm, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 9: pt. 1, art. 2, p. 85, 1871. North Atlantic, near the equator.

### GRAMPUS Gray. The Grampus

*Grampus* Gray, Spicilegia Zool., 1: 2, 1828. Subgenus of *Delphinus*, type *Delphinus griseus* Cuvier.

GRAMPUS GRISEUS (G. Cuvier). Gray Grampus

*Delphinus griseus* G. Cuvier, Ann. Mus. d'Hist. Nat., Paris, 19: 14, pl. 1, f. 1, 1812. Brest, France.

*Delphinus rissoanus* Desmarest, Encyclop. Méthodique, Mammalogie, Suppl., p. 519, 1822. Coast of Nice, France (Mediterranean Sea).

*Grampus curieri* Gray, Ann. Nat. Hist., (1) 17: 85, Feb. 1846. Isle of Wight.

*Grampus sakumata* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 31, 1846. Japan coast.

*Grampus richardsoni* Gray, Cat. Spec. Mamm. Brit. Mus., Cetacea, p. 85, 1850; Proc. Zool. Soc. London, p. 522, Oct. 1865. Kalk's Bay, Simon's Bay, Cape of Good Hope.

*Globiocephalus chinensis* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 323, 1866. China Seas, near Leuchen.

*Grampus stearnsii* Dall, Proc. California Acad. Sci., 5: 13, Apl. 1873. Coast of California.

*Grampus soueverbianus* P. Fischer, Actes Soc. Linn. Bordeaux, (4) 5=35: 210, 1881. No locality.

### LAGENORHYNCHUS Gray

*Lagenorhynchus* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 34, 1846.

Genotype not specified; included four species.

*Electra* Gray, Suppl. Cat. Seals and Whales Brit. Mus., p. 76, 1871. Genotype not specified; included eight species.

*Leucopleurus* Gray, Suppl. Cat. Seals and Whales Brit. Mus., p. 78, 1871.

Genotype *Leucopleurus arcticus* Gray = *Lagenorhynchus acutus* Lesson.

LAGENORHYNCHUS OBSCURUS (Gray)

*Delphinus* (*Grampus*) *obscurus* Gray, Spicilegia Zool., 1: 2, pl. 2, f. 2-5, 1828. Cape of Good Hope.

?*Phocæna australis* Peale, U. S. Explor. Exped., ed. 1, 8: Mamm. and Ornith., p. 33, pl. 6, f. 2, 1848. South Atlantic, off coast of Patagonia.

## LAGENORHYNCHUS SUPERCILIOSUS (Schlegel)

*Delphinus superciliosus* Schlegel, Abh. aus d. Gebiete Zool., pt. 1, p. 22, pl. 1, f. 3; 2, f. 3 (skull); 4, f. 4 (teeth), 1841. Between Cape Horn and van Dieman's Land.

Note: Although the type of *Neomeris phocaenoides* (Cuvier) was said to have come from the Cape of Good Hope, this was probably not the case. It is not certainly known from west of the India peninsula (Allen, G. M., Bull. Mus. Comp. Zool., 65: 235, Jan. 1923).

## ORCINUS Fitzinger. Orca, Killer Whale

*Orca* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 33, pls. 8, 9, 1846.

Genotype *Delphinus orca* Linnæus. Not *Orca* Wagler, 1830 = *Mesoplodon*.

*Orcinus* Fitzinger, Wiss.-populäre Naturges. Säugethiere, 6: 204, 1860; Palmer, Proc. Biol. Soc. Washington, 13: 24, 31 Jan. 1899 (name revived).

*Gladiator* Gray, Proc. Zool. Soc. London, p. 71, June 1870. Subgenus of *Orca* (= *Orcinus*); type *Orca stenorhyncha* Gray = *Delphinus orca* Linnæus.

## ORCINUS ORCA (Linnæus)

*Delphinus orca* Linnæus, Syst. Nat., ed. 10, 1: 77, 1758. "In Oceano Europæo."

*Delphinus gladiator* Bonnaterre, Tabl. Encyclopédique et Méthod., Cétologie, p. 23, 1789. Spitsbergen, Davis Straits, New England Coast.

*Delphinus duhameli* Lacépède, Hist. Nat. des Cétacées, p. 314, 1804 (large 8vo. ed.). Mouth of the Loire, France.

*Orca capensis* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 34, pl. 9, 1846 (not of Synopsis, 1868). Cape of Good Hope.

*Delphinus victorini* Grill, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 2: no. 10, p. 21, pl. 1, 1858. Knysna River, west of Cape Town, South Africa.

*O[rca] schlegelii* Lilljeborg, Recent Memoirs on Cetacea, Ray Society, p. 235, 1866. West coast of Norway.

*Orca eschrichtii* Steenstrup, in note by J. Reinhardt, Recent Memoirs on the Cetacea, Ray Soc., p. 188, text-f., 1866. Færoe Islands, Kollefjord, on Strömö.

*Orca magellanica* Burmeister, Ann. Mag. Nat. Hist. (3) 18: 101, pl. 9, f. 5, Aug. 1866; Anales Mus. Publico Buenos Aires, 1: 373, pl. 22, f. 1-3, 1869. South of Cape Corrientes, Argentina, mouth of Rio del Cristiano, lat. 38° 50' S.

*Orca rectipinna* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 22, f. 15, 16, Apl. 1869. California, southwards.

*Orca atra* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 22, 58, f. 17, Apl. 1869. Oregon to Aleutian Islands.

- Orca pacifica* Gray, Proc. Zool. Soc. London, p. 76, June 1870, based on the *Orca* (*Ophysia*) *capensis* Gray, in part, of Synopsis of Whales and Dolphins, p. 8, pl. 9, 1868. North Pacific.
- Orca stenorhyncha* Gray, Proc. Zool. Soc. London, p. 74, text-f. 1, 3, June 1870. North Sea, Weymouth, England.
- Orca latirostris* Gray, Proc. Zool. Soc. London, p. 76, June 1870. North Sea.
- Orca africana* Gray, Suppl. Cat. Seals and Whales Brit. Mus., p. 90, 1871. Algoa Bay, South Africa.
- Orca ater*, var. *fusca* Dall, in Scammon's Marine Mamm. North-west Coast North Amer., app., p. 298, pl. 17, f. 3, 1874. Coast of California and Oregon.
- Orca antarctica* P. Fischer, Journ. de Zool., 5: 146, 1876. Powell and South Shetland Islands, Antarctic Ocean.
- Orca australis* Van Beneden and Gervais, Ostéographie des Cétacés, p. 540, pl. 47, f. 1, 2, 1877. Tasmania (f. 1); Algoa Bay, Cape of Good Hope (f. 2).
- Orca gladiator* (*arcticus*) et (*europæus*) Gervais and Van Beneden, Ostéogr. des Cétacés, pl. 47, f. 3, 5, 1877. Färoe Islands and Atlantic Ocean (resp.).
- Orca gladiator* var., *australis* Gervais and Van Beneden, Ostéogr. des Cétacés, p. 540, pl. 47, f. 1, 1877. Tasmania.
- Orca tasmanica* Gervais and Van Beneden, Ostéogr. des Cétacés, p. 543, 1877. Tasmania.
- Orca minor* Trouessart, Cat. Mamm. Viv. Foss., ed. 1, 2: pt. 5, p. 1049, 1898, here the name is credited to Reinhardt, Ray Society, Memoirs on Recent Cetacea, where, however, only the description of a smaller variety occurs, in the paper by Eschricht, p. 179, in translation, without a name.

### PHOCÆNA G. Cuvier. Harbor Porpoises

*Phocæna* G. Cuvier, Règne Animal, ed. 1, 1: 279, 1817. Genotype *Delphinus phocæna* Linnæus.

PHOCÆNA PHOCÆNA (Linnæus). Harbor Porpoise

*Delphinus phocæna* Linnæus, Syst. Nat., ed. 10, 1: 77, 1758. Swedish seas (Thomas); "In Oceano Europæo, & Balthico."

*Phocæna communis* Lesson, Manuel de Mammalogie, p. 413, 1827. Atlantic Ocean, and French estuaries of la Loire, la Charente, la Seine.

*Phocæna homeii* A. Smith, Zool. Journ., 4: 440, May 1829. South Africa, Table Bay and seas about Cape of Good Hope.

*Phocæna vomerina* Gill, Proc. Acad. Nat. Sci. Philadelphia, p. 178, 1865. Puget Sound, Washington, and San Francisco, California.

*Phocæna brachycium* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 279, 1865. Salem Harbor, Massachusetts.

*Phocæna lineata* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 135, 1876. Eastport, Maine.



## PRODELPHINUS Gervais. Ocean Dolphins

- Clymene* Gray, Proc. Zool. Soc. London, p. 237, Nov. 1864. Subgenus of *Delphinus*, type *Delphinus euphrosyne* Gray, raised to generic rank by Gray, Proc. Zool. Soc. London, p. 214, Sep. 1866. Preoccupied by *Clymene* Oken, 1815, in mollusks.
- Stenella* Gray, Proc. Zool. Soc. London, p. 213, Sep. 1866. As a subgenus of *Steno*: type *Steno attenuatus* Gray.
- Clymenia* Gray, Synopsis of Whales and Dolphins, p. 6, 1868. No type specified; eleven species included. Preoccupied by *Clymenia* Munster, 1839, in mollusks.
- Prodelphinus* Gervais, Ostéographie des Cétacés, p. 604, 1877. Genotype not specified; three species included. Substitute for *Clymenia* Gray.

## PRODELPHINUS ATTENUATUS (Gray)

- Delphinus pseudodelphis* Wiegmann, in Schreber's Säugthiere, 7: pl. 358, 1837(?).
- Steno attenuatus* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 44, pl. 28, 1846. No locality.
- Steno capensis* Gray, Proc. Zool. Soc. London, p. 522, Oct. 1865. Cape of Good Hope.
- Clymene punctata* Gray, Proc. Zool. Soc. London, for 1865, p. 738, text-f. 3, Apl. 1866. Lat. 16° 40' N., long. 21° W.

## PRODELPHINUS EUPHROSYNÉ (Gray)

- Delphinus styx* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 39, pl. 21, 1846. West coast of Africa.
- Delphinus euphrosyne* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 40, pl. 22, 1846. No locality.
- Delphinus tethys* Gervais, Bull. Soc. d'Agric. Hérault, 40: 150, pl. 1, f. 1-4, 1853. Mouth of the Orb, Hérault, France.
- Delphinus marginatus* Duvernoy, in Pucheran, Rev. et Mag. de Zool. (2) 8: 545, pl. 25, Dec. 1856. Near Dieppe, France.
- Tursio dorcides* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 400, 1866. No locality.
- Clymene dorides* Gray, Proc. Zool. Soc. London, p. 214, Sep. 1866. No locality.
- Clymene similis* Gray, Proc. Zool. Soc. London, p. 146, text-f. 2, May 1868. Cape of Good Hope.
- Clymenia euphrosynoides* Gray, Synopsis Whales and Dolphins, p. 6, 1868; based on Owen, Trans. Zool. Soc. London, 6: pl. 8, f. 5, 1866. No locality.

## PRODELPHINUS FRÆNATUS (F. Cuvier). Bridled Dolphin

- D[elphinus] frontalis* G. Cuvier, ex Dussumier, Règne Anim., ed. 2, 1: 288, 1829. Cape Verde Islands.

*Delphinus frænatus* F. Cuvier, Hist. Nat. des Cétacés, p. 155, pl. 10, f. 1, 1836. Cape Verde.

*Delphinus doris* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 39, pl. 20, 1846. No locality.

*Delphinus clymene* Gray, Cat. Spec. Mamm. Brit. Mus., Cetacea, p. 115, 1850; Cat. Seals and Whales Brit. Mus., ed. 2, p. 249, 1866. No locality.

?*Delphinus dubius* G. Cuvier, Ann. Mus. d'Hist. Nat., Paris, 19: 14, 1812. No locality.

*Delphinus mediterraneus* Loche, Revue et Mag. de Zool. (2) 12: 475, pl. 22, f. 2, Nov. 1860. Coast of Algeria.

*Clymenia normalis* Gray, Proc. Zool. Soc. London, p. 214, Sep. 1866. No locality.

#### PRODELPHINUS LONGIROSTRIS (Gray)

*Delphinus longirostris* Gray, Spicilegia Zool., 1: 1, 1828. No locality.

*Delphinus microps* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 42, pl. 25, 1846. No locality.

*Delphinus alope* Gray, Cat. Spec. Mamm. Brit. Mus., Cetacea, p. 118, 1850. No locality.

*Delphinus stenorhynchus* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 396, 1866. No locality.

#### PSEUDORCA Reinhardt. False Killer

*Pseudorca* Reinhardt, Overs. K. Danske Vid. Selsk. Forhandl., Kjöbenhavn p. 151, 1862. Genotype *Phocæna crassidens* Owen.

#### PSEUDORCA CRASSIDENS (Owen)

*Phocæna crassidens* Owen, British Fossil Mammals and Birds, p. 516, 1846. Lincolnshire Fens, near Stamford, England (subfossil).

*Orca meridionalis* Flower, Proc. Zool. Soc. London, for 1864, p. 420, text-f. 1, 2, May 1865. Tasmania.

*Orca destructor* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 293, Oct. 1866. Off Paita, Peru.

*Globicephalus grayi* Burmeister, Anales Mus. Pub. Buenos Aires, 1: 373, pl. 21, (f. 3-6 but not f. 1, 2), 1868. Coast of Argentina south of the La Plata River.

#### SOTALIA Gray. White Dolphins

*Sotalia* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 401, 1866. Genotype *Delphinus guianensis* Van Beneden.

#### SOTALIA TËUSZII Kükenenthal

*Sotalia tËuszii* Kükenenthal, Zool. Jahrb., Syst., 6: 442, pl. 21 (cranium), 1892. Bay of Warships anchorage, Cameroons, West Africa.

## STENO Gray

- Steno* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 30, 43, pl. 26, f. 1; 27, 28, 1846. Genotype *Delphinus rostratus* G. Cuvier.
- Stenopontistes* Miranda-Ribeiro, Bol. Museu Nac., Rio de Janeiro, 12: 19, 42, Mar. 1936. Genotype *Stenopontistes zambezicus* Miranda-Ribeiro = *Steno rostratus* (G. Cuvier).

## STENO ROSTRATUS (G. Cuvier)

- Delphinus rostratus* G. Cuvier, in Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 9: 160, 1817. Paimpol, France.
- Delphinus pernettyi* Desmarest, Encyclop. Méthod., Mammalogie, Suppl., p. 513, 1822. No locality.
- Delphinus bredanensis* G. Cuvier, Lesson, Hist. Nat. Gén. et Partic. d. Mamm. et Oiseaux découverts depuis 1788, (Compl. Oeuvres de Buffon, 1) Cétacés, p. 206, 1828. Coast of France.
- [*Delphinus*] *frontatus* G. Cuvier, Recherches sur les Ossemens Foss., ed. 2, 5: pt. 1, 278, 1823 (in part). Lisbon, Portugal.
- Delphinus planiceps* Schlegel, Abh. aus d. Gebiete Zool., pt. 1, p. 27, pl. 4, f. 8, 1841 (not Van Breda). Dutch coast.
- Delphinus reinwardtii* Schlegel, Abh. aus d. Gebiete Zool., pt. 1, p. 27, pl. 3, f. 2, 3; pl. 4, f. 7, 1841. Indian archipelago.
- Steno compressus* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., 43, pl. 27, 1846. No locality.
- Stenopontistes zambezicus* Miranda-Ribeiro, Bol. Museu Nac., Rio de Janeiro, 12: 20, 42, pl., Mar. 1936. Zambesi, southeastern Africa.

## TURSIOPS Gervais. Bottle-nose Porpoises

- Tursiops* Gervais, Hist. Nat. des Mamm., 2: 323, 1855. Genotype *Delphinus tursio* Fabricius.

Review: True, F. W. On *Tursiops catalania* and other existing species of Bottlenose Porpoises of that genus. Ann. Durban Mus., 1: 10-24, 1 June 1914.

## TURSIOPS ABUSALAM (Rüppell)

- Delphinus aduncus* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio k, footnote, Sep. 1832. Belhosse Island, Red Sea; "highly probable that this species is the same as *T. abusalam*"—True.
- Delphinus abusalam* Rüppell, Mus. Senckenberg., 3: 140, pl. 12, f. 1-6, 1842. Red Sea.

## TURSIOPS CATALANIA (Gray)

- Delphinus catalania* Gray, Proc. Zool. Soc. London, p. 143, Sep. 1862. Cape Melville and Cape Flattery, northern Australia.
- Range: Southern Oceans, from South Africa to Australia.

- TURSIOPS TRUNCATUS** (Montagu). Common Bottle-nose Porpoise  
*Delphinus tursio* O. Fabricius, Fauna Grœnlandica, p. 49, 1780 (in part).  
 South Greenland seas.
- Delphinus truncatus* Montagu, Mem. Wernerian Nat. Hist. Soc., Edinburgh,  
 3: 75, pl. 3, 1821. Duncannon Pool, near Stoke Gabriel, 5 miles up the  
 river Dart, Scotland.
- Delphinus compressicauda* Lesson, Hist. Nat. Gén. et Partic. d. Mamm. et  
 Oiseaux découverts depuis 1788, Cétacés, (Compl. des Oeuvres de Buffon,  
 1), p. 272, 1828 (on p. 441 it appears as *Phocæna compressicauda*). Atlantic  
 Ocean, near the equator, 4° S., 26° W.
- Delphinus eurynome* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 38,  
 pl. 17, 1846. No locality.
- Delphinus metis* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 38, pl. 18,  
 1846. No locality.
- Delphinus cymodoce* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 38,  
 pl. 19, 1846. No locality.

## Family KOGIIDÆ. Pygmy Sperm Whales

### KOGIA Gray. Pygmy Sperm Whale

- Kogia* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 22, 1846. Genotype  
*Physeter breviceps* Blainville.
- Euphysetes* Wall, Mem. Australian Mus., Sydney, no. 1, p. 46, 1851. Genotype  
*Euphysetes grayii* Wall = *Kogia breviceps* (Blainville).
- Callignathus* Gill, Amer. Naturalist, 4: 737-738, 740, footnote, Feb. 1871.  
 Genotype *Physeter simus* Owen. Not *Calignathus* Costa, 1853, in fishes.

### KOGIA BREVICEPS (Blainville)

- Physeter breviceps* Blainville, Ann. franç. et étrang. d'Anat. et de Physiol., 2:  
 337, 1838. Cape of Good Hope.
- Euphysetes grayii* Wall, Mem. Australian Mus., Sydney, no. 1, p. 37, pl. 2,  
 1851; reprint 1887. Maroubra Beach, New South Wales.
- Euphysetes macleayi* Krefft, Proc. Zool. Soc. London, for 1865, p. 713, text-f.  
 1-6, Apl. 1866. Manly Beach, New South Wales.
- Physeter (Euphysetes) simus* Owen, Trans. Zool. Soc. London, 6: 30, pl. 10-14,  
 15 Aug. 1866. Waltair, Madras Presidency, India.
- Kogia floweri* Gill, Amer. Nat., 4: 736, 738, text-f. 167, Feb. 1871. Off Mazat-  
 lan, Sinaloa, Mexico.

## Family PHYSETERIDÆ. Sperm Whales

## PHYSETER Linnæus. Sperm Whale

*Physeter* Linnæus, Syst. Nat., ed. 10, 1: 76, 1758. Genotype *Physeter catodon* Linnæus.

*Catodon* Linnæus, Fauna Suecica, ed. 2, p. 18, 1761. Genotype *Catodon macrocephalus* Linnæus = *Physeter catodon* Linnæus.

*Physalus* Lacépède, Hist. Nat. des Cétacées, p. xl, 219, 1804. Genotype *Physalus cylindricus* Lacépède = *Physeter catodon* Linnæus.

*Meganeuron* Gray, Proc. Zool. Soc. London, p. 440, Oct. 1865. Genotype *Catodon* (*Meganeuron*) *krefftii* Gray = *Physeter catodon* Linnæus.

PHYSETER CATODON Linnæus. Sperm Whale; Cachalot

*Physeter catodon* Linnæus, Syst. Nat., ed. 10, 1: 76, 1758. "In Oceano septentrionali" = Kairston, Orkney Ids. (see Thomas, O., Proc. Zool. Soc. London, p. 157, 22 Mar. 1911).

*Physeter macrocephalus* Linnæus, Syst. Nat., ed. 10, 1: 76, 1758. "In Oceano Europæo."

*Physeter microps* Linnæus, Syst. Nat., ed. 10, 1: 76, 1758. "In Oceano septentrionali."

*Physeter tursio* Linnæus, Syst. Nat., ed. 10, 1: 77, 1758. "In Oceano septentrionali."

*Catodon* (*Meganeuron*) *krefftii* Gray, Proc. Zool. Soc. London, p. 440, text-f. 1-4, Oct. 1865. Australian Seas.

*Meganeuron krefftii* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 389, text-f. 94-97, 1866. Australian seas.

*trumpo*, *gibbosus*, *cylindricus*, *orthodon*, *sulcatus* Lacépède et al., are some syns. of *P. catodon*.

also, *polycyphus* Quoy and Gaimard, Zool. Voy. Uranie, p. 77, pl. 12, 1824.

## Family ZIPHIIDÆ. Ziphioid Whales

Review: True, Frederick W. An account of the beaked whales of the family Ziphiidæ in the collection of the United States National Museum, with remarks on some specimens in other American museums. Bull. U. S. Nat. Mus., no. 73 (quarto), 89 pp., 42 pls., 1910.

## HYPEROODON Lacépède. Bottle-nose Whale

*Hyperoodon* Lacépède, Hist. Nat. des Cétacées, pp. xlv, 319, 1804. Genotype *Hyperoodon butskopf* Lacépède = *H. ampullatus* (Forster).

*Anarnak* Lacépède, Hist. Nat. des Cétacées, pp. xxxviii, 164, 1804. Genotype *Anarnak grænlandicus* Lacépède = *Hyperoodon ampullatus* (Forster).

Also various emendations: *Anarnacus*, *Anarcus*, *Ananareus*, *Anarmacus*.

- Ancylodon* Illiger, Prodrömus Syst. Mamm. et Avium, p. 142, 1811. Genotype *Monodon spurius* O. Fabricius = *Hyperoodon ampullatus* (Forster).
- Uranodon* Illiger, Prodrömus Syst. Mamm. et Avium, p. 143, 1811. Genotype *Delphinus butzkopf* Bonnaterre.
- Heterodon* Blainville, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 9: 175, 1817. Type not specified, eight species included; as a subgenus of *Delphinus*. Not *Heterodon* Beauvois, 1800, for reptiles.
- Ceto-diodon* Jacob, Dublin Philos. Journ. and Sci. Rev., 1: 72, pl. [3], fig. 8, Mar. 1825. Genotype *Ceto-diodon hunteri* Jacob = *Hyperoodon ampullatus* (Forster).
- Nodus* Wagler, Natürl. Syst. der Amphibien, p. 34, 1830. Genotype *Delphinus edentulus* Schreber = *Hyperoodon ampullatus* (Forster).
- Chænodelphinus* Eschricht, Förhandl. Skandinav. Naturforsk., 3die Möte, Stockholm, p. 651, 1843. Genotype *Balæna rostrata* Müller = *Hyperoodon ampullatus* (Forster).
- Chænocetus* Eschricht, Overs. K. Dansk. Vidensk. Selsk. Forhandl., Kjöbenhavn, for 1845, p. 17, 1846. Genotype the "Næbhval" or *Hyperoodon ampullatus* (Forster).
- Lagenocetus* Gray, Proc. Zool. Soc. London, p. 200, Oct. 1863. Genotype *Lagenocetus latifrons* Gray = *Hyperoodon ampullatus* (Forster). Misspelled *Lagocetus* by Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 82, 104, 1866.

#### HYPEROODON AMPULLATUS (Forster). Bottle-nose Whale

- Balæna ampullata* Forster, in Kalm's Travels into North America, 1: 18, footnote, 1770. Based on Pennant's account.
- B[alæna] rostrata* O. F. Müller, Zool. Danicæ Prodr., p. 7, 1776. No locality; Danish and Norwegian seas implied.
- Monodon spurius* O. Fabricius, Fauna Grænländica, p. 31, 1780. Greenland Seas.
- D[elphinus] bidentatus* Bonnaterre, Tableau Encyclop. et Méthodique des Trois Règnes de la Nature, Cétologie, p. 25, pl. 11, f. 3, 1789. Thames River, England (based on Hunter's account).
- D[elphinus] butzkopf* Bonnaterre, Tabl. Encyclop. et Méthod. des Trois Règnes de la Nature, Cétologie, p. 25, 1789. Honfleur, France.
- Delphinus edentulus* Schreber, Säugthiere, 7: 360, 1846; pl. 347; 348, f. 1, 1802. North Atlantic.
- Anarnak grænlandicus* Lacépède, Hist. Nat. des Cétacées, p. 164, 1804. Greenland seas.
- Delphinus diodon* Lacépède, Hist. Nat. des Cétacées, p. 309, pl. 13, f. 3, 1804. Near London, England.
- Delphinus bidens* Turton, British Fauna, p. 17, 1807, not of Sowerby. No locality; based on Hunter's account.
- Delphinus chemnitzianus* Blainville, in Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 9: 175, 1817. No locality.



- Delphinus anarnacus* Desmarest, Encyclop. Méthodique, Mammalogie, 2: 520, 1822. Greenland Seas.
- Delphinus hunteri* Desmarest, Encyclop. Méthodique, Mammalogie, 2: 520, 1822. Thames River, England.
- Delphinus hyperoodon* Desmarest, Encyclop. Méthodique, Mammalogie, 2: 521, 1822. Near Honfleur, France.
- Ceto-diodon hunteri* Jacob, Dublin Philosoph. Journ. and Sci. Rev., 1: 72, pl. [3], fig. 8, Mar. 1825. Killiney, near Dublin, Ireland.
- Heterodon dalei* Lesson, Manuel de Mammalogie, p. 419, 1827. Harwich, England (origin of Dale's specimen); Havre, France, also mentioned.
- Hyperoodon bidens* Fleming, History of British Animals, p. 36, 1828. Near Maldon, England.
- Hyperoodon honfloriensis* Lesson, Hist. Nat. Gén. et Partic. des Mamm. et Oiseaux découverts depuis 1788 (Compl. Oeuvres de Buffon, 1), Cétacés, p. 137, 440 (name), 1828. Honfleur, France.
- Hyperoodon latifrons* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 27, pl. 4, 1846. Orkney Ids.
- Hyperoodon borealis* Nilsson, Skandinav. Fauna, pt. 1, mamm., p. 622, 1847. Coasts of Iceland and Färoe Islands, Greenland and Spitsbergen.

#### MESOPLODON Gervais. Cowfish

- Aodon* Lesson, Hist. Nat. Gén. et Partic. des Mamm. et Oiseaux découverts depuis 1788, (Compl. Oeuvres de Buffon, 1), Cétacés, p. 150, 440, 1828. Genotype *Aodon dalei* Lesson = *Mesoplodon bidens* (Sowerby). (Name said to be preoccupied by *Anodon* Lacépède, 1798, in Pisces.)
- Micropterus* Wagner, Schreber's Säugthiere, 7: 281, 352, pl. 348, 1846. Subgenus of *Delphinus*; type *Delphinus micropterus* Cuvier = *Mesoplodon bidens* (Sowerby). Preoccupied by *Micropterus* Lacépède, 1802, in Fishes.
- Mesoplodon* Gervais, Ann. des Sci. Nat., zool., (3) 14: 16, July 1850. Genotype *Mesoplodon bidens* (Sowerby).
- Dioplodon* Gervais, Compt. Rend. Acad. Sci. Paris, 31: 512, 1850. Genotype *Delphinus densirostris* Blainville.
- Mesodiodon* Duvernoy, Ann. des Sci. Nat., zool., (3) 15: 41, pl. 2, f. 2, 2', 1851. Genotype *Dioplodon sowerbyi* Gervais = *Mesoplodon bidens* (Sowerby).
- Dolichodon* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 353, text-f. 72, 1866. Subgenus of *Ziphius*, type *Ziphius layardii* Gray.
- Callidon* Gray, Ann. Mag. Nat. Hist. (4) 7: 368, text-figs., May 1871. Genotype *Mesoplodon güntheri* Krefft = *M. layardii* (Gray).
- Neoziphius* Gray, Suppl. to Cat. Seals and Whales Brit. Mus., p. 101, 1871. Genotype *Dioplodon europæus* Gervais, = *Mesoplodon europæus* (Gervais).

#### MESOPLODON DENSIROSTRIS (Blainville)

- Delphinus densirostris* Blainville, in Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 9: 178, 1817. Locality unknown.

*Ziphius sechellensis* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 28, 1846. Seychelles, Indian Ocean.

MESOPLODON LAYARDII (Gray). Strap-toothed Whale

*Ziphius layardii* Gray, Proc. Zool. Soc. London, p. 358, text-f., 1865. Cape of Good Hope.

*Mesoplodon güntheri* Krefft, Ann. Mag. Nat. Hist. (4) 7: 368, 2 figs., May 1871. Little Bay, near Sydney, New South Wales.

### ZIPHIUS G. Cuvier

*Epiodon* Rafinesque, Précis des Decouvertes et Trav. Somiologiques entre 1800 et 1814, p. 13, 1814. Genotype *Epiodon urganantus* Rafinesque = ?*Ziphius cavirostris* G. Cuvier.

*Ziphius* G. Cuvier, Recherches sur les Ossemens Foss., ed. 2, 5: pt. 1, p. 352, pl. 27, f. 3, 1823. Genotype *Ziphius cavirostris* G. Cuvier.

*Xiphius* L. Agassiz, Nomenclator Zool., Index Univers., p. 389, 392, 1846; emendation.

*Aliama* Gray, Proc. Zool. Soc. London, p. 242, Nov. 1864. Genotype *Delphinus desmarestii* Risso = *Ziphius cavirostris* G. Cuvier.

*Petrorhynchus* Gray, Proc. Zool. Soc. London, p. 524, 2 text-f., Oct. 1865. Genotype *Hyperoodon capensis* Gray = *Ziphius cavirostris* G. Cuvier.

*Ziphiorrhynchus* Burmeister, Revista Farmaceutica, Oct. 1865; Ann. Mag. Nat. Hist. (3) 17: 94, Feb.; 303, Apl. 1866. Genotype *Ziphiorrhynchus cryptodon* Burmeister = *Ziphius cavirostris* G. Cuvier.

ZIPHIUS CAVIROSTRIS G. Cuvier. Cuvier's Beaked Whale

*Epiodon urganantus* Rafinesque, Précis des Decouvertes et Trav. Somiologiques entre 1800 et 1814, p. 13, 1814. Mediterranean Sea. Nomen nudum.

*Ziphius cavirostris* G. Cuvier, Rech. sur Ossemens Foss., ed. 2, 5: pt. 1, p. 352, pl. 27, f. 3, 1823. Between Fos and the mouth of the Galégeon, dept. des Bouches-du-Rhone, France.

*Delphinus desmarestii* Risso, Hist. Nat. Anim. Europe Mérid., 3: 24, pl. 3, f. 3, 1826.

*Delphinus philippii* Cocco, Arch. f. Naturgesch., 12: sect. 1, p. 104, pl. 4, f. C., 1846. Straits of Messina.

The article is quoted from Maurolico, Journ. Lit. Kabinets v. Messina (2) 1: pt. 6, Oct. 1841.

*Hyperoodon doumetii* Gray, Cat. Spec. Mamm. Brit. Mus., Cetacea, p. 68, 1850. Corsica.

*Hyperoodon gervaisii* Duvernoy, Ann. des Sci. Nat., zool., (3) 15: 49, 67, 1851. Coast of Aresquiers, near Frontignan, département of l'Hérault, France.

*Ziphius indicus* Van Beneden, Mém. Couronnés et Autres Mém. Acad. Roy. d. Sci., Lettres et Beaux-Arts Belgique, Bruxelles, 16: art. 1, p. 23, pl. 1, June 1864. Cape of Good Hope, probably on Indian Ocean side.

- Delphinorhynchus australis* Burmeister, Allgemein. Zeitschr. f. Ges. Naturw., Dresden, 26: 262, Aug. 1865; An. Mus. Buenos Aires, 1: 312, pl. 15-20, 1865. Argentina, near Buenos Aires.
- Hyperodon semijunctus* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 280, Dec. 1865. Charleston, South Carolina.
- Hyperoodon capensis* Gray, Proc. Zool. Soc. London, p. 359, text-f., Oct. 1865. Cape of Good Hope.
- Ziphiorrhynchus cryptodon* Burmeister, Ann. Mag. Nat. Hist. (3) 17: 94, pl. 3, Feb.; 303, Apl. 1866. Buenos Aires, Argentina.
- Petrorhynchus mediterraneus* Gray, Suppl. to Cat. Seals and Whales Brit. Mus., p. 98, 1871. Mediterranean Sea.
- Epidodon chathamensis* Hector, Trans. and Proc. New Zealand Inst., 5: 164, text-f. a, b, pls. 4, 5, May 1873. Chatham Islands.
- Delphinus savii* Richiardi, Arch. per Zool., pl. 3, 7, 8, 1873.
- Ziphius (Epidodon) novæ-zealandiæ* Haast, Trans. and Proc. New Zealand Inst., 12: 241, pl. 8, May 1880. Lyttelton Harbor, New Zealand.
- Ziphius grebnitzkii* Stejneger, Proc. U. S. Nat. Mus., 6: 77, 22 June 1883. Commander Ids., Bering Sea.

## Family BALÆNIDÆ. Right Whales

### EUBALÆNA Gray. Right Whales

- Balæna* Linnæus, Syst. Nat., ed. 10, 1: 75, 1758, in part. Genotype *Balæna mysticetus* Linnæus.
- Leibalæna* Eschricht, K. Dansk. Vid. Selsk. Skrifter, Kjöbenhavn, nat.-math. Afd., (5) 1: 108, 1849. Genotype the "Glothvaler."
- Eubalæna* Gray, Proc. Zool. Soc. London, p. 201, 1864. Genotype *Eubalæna australis* (Desmoulins).
- Hunterus* Gray, Ann. Mag. Nat. Hist. (3) 14: 349, Nov. 1864. Genotype *Hunterus temminckii* Gray = *Eubalæna glacialis* Bonnaterre. Spelling emended to *Hunterius* in Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 78, 1866.
- Macleayius* Gray, Proc. Zool. Soc. London, for 1864, p. 589, text-f. 1, 2, May 1865. Genotype *Macleayius australiensis* Gray.

### EUBALÆNA AUSTRALIS (Desmoulins). Southern Right Whale.

- Balæna australis* Desmoulins, Dictionnaire Class. d'Hist. Nat., 2: 161, 1822. Cape of Good Hope, Algoa Bay. Doubtfully distinct from *glacialis*; see Lönnberg, E.
- Balæna mysticetus antarctica* Schlegel, Abh. aus dem Gebiete d. Zool., pt. 1, p. 37, 1841 (in part). Cape of Good Hope.
- Balæna sieboldii* Gray, Ann. Mag. Nat. Hist. (3) 14: 349, Nov. 1864. North Pacific.

*Hunterus temminckii* Gray, Ann. Mag. Nat. Hist., (3) 14: 349, Nov. 1864;  
*Hunterius temminckii* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 98,  
 1866. Cape of Good Hope.

EUBALÆNA GLACIALIS (Borowski). Atlantic Right Whale

*Balæna glacialis* Borowski, Gemeinnützige Naturgesch. d. Thierreichs, (Berlin),  
 2: pt. 1, p. 18, 1781. North Cape, Norway, also southern Atlantic Ocean,  
 off coast of Africa, and near Antilles.

*B[alæna] glacialis* Bonnaterre, Tabl. Encycl. et Méthod. des Trois Règnes de la  
 Nature, Cétologie, p. 3, 1789. Iceland.

*Balæna nordcaper* Lacépède, Hist. Nat. des Cétacées, p. 103, pls. 2, 3, (4to ed.),  
 1804. North Atlantic, between Spitsbergen, Norway and Iceland.

*Balæna biscayensis* Eschricht, Revue et Mag. de Zool. (2) 12: 229, May 1860.  
 San Sebastian, Bay of Biscay, Spain.

*Balæna cisarctica* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 168, Aug. 1865.  
 Opposite Philadelphia, Pennsylvania.

*Hunterius svedenborgii* Lilljeborg, Nova Acta Reg. Soc. Sci. Upsala, (3) 6: pt. 2,  
 no. 1, p. 35, pl. 9-11, 1867. Wånga, West Gothland, Sweden (subfossil).

*Balæna britannica* Gray, Ann. Mag. Nat. Hist. (4) 6: 198, Sep. 1870. Off Lyme  
 Regis, England.

*Balæna eubalæna* Gray, Suppl. Cat. Seals and Whales Brit. Mus., p. 44, 1871  
 (not of Flower, 1864).

*Balæna tarentina* Capellini, Mem. Accad. Sci. dell'Ist. Bologna, (3) 8: 9, pl. 1,  
 1877. Gulf of Taranto, Italy.

## Family BALÆNOPTERIDÆ. Finner Whales

### BALÆNOPTERA Lacépède. Finback Whales

*Balænoptera* Lacépède, Hist. Nat. des Cétacées, 4to ed., p. xxxvi, 114, 1804.

Genotype not named, but fixed by Flower (1864) as *Balæna rostrata*  
 Müller = *Balænoptera acuto-rostrata* Lacépède.

*Rorqual* G. Cuvier, Règne Animal, ed. 2, 1: 298, 1829. Genotype not speci-  
 fied, but included *Balæna boops* Linnæus and *B. musculus* Linnæus. Form  
 here used probably not intended as a generic term, but altered to *Ror-*  
*qualus* F. Cuvier, Hist. Nat. des Cétacés, p. 303, pl. 20, 1836.

*Pterobalæna* Eschricht, Kongl. Danske Vid. Selsk. Skr., Kjöbenhavn, nat.-  
 math. Afd., (5) 1: 108, 1849. Genotype the Finhval, = *Balænoptera physalus*  
 Linnæus.

*Benedenia* Gray, Proc. Zool. Soc. London, p. 211, Nov. 1864. Genotype  
*Benedenia knoxii* Gray = *Balænoptera physalus* (Linnæus).

*Rudolphius* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 170, 1866.  
 As a subgenus of *Sibbaldius*, type *Sibbaldius laticeps* Gray = *Balænoptera*  
*borealis* Lesson.

BALÆNOPTERA ACUTO-ROSTRATA Lacépède. Little Piked Whale; Least Rorqual; Bay Whale

*Balæna rostrata* O. Fabricius, Fauna Grœlandica, p. 40, 1780 (not of P. L. S. Müller, 1776). Greenland Seas.

*Balænoptera acuto-rostrata* Lacépède, Hist. Nat. des Cétacées, 4to ed., pp. xxxvii, 134, pl. 8, 1804. Cherbourg, France.

*Balæna minimus borealis* Knox, Cat. Prep. Whale, p. 14, 1828.

*Balæna minima* Rapp, Die Cetaceen zool.-anat. dargestellt, p. 52, 1837.

*Balænoptera eschrichtii* Rasch, Nyt Mag. f. Naturvid., Christiania, 4: 123, 1845. Swedish coasts.

*Pterobalæna minor grœnlandica* and *bergensis* Eschricht, Kong. Dansk. Vid. Selsk. Skrift., Kjöbenhavn, (5) 1: 109, 1849. Greenland and Norway, respectively.

*Balænoptera microcephala* Gray (ex Brandt, MS.), Cat. Seals and Whales Brit. Mus., ed. 2, p. 188, 1866, in syn. of *B. rostrata*.

*Sibbaldius mondinii* Capellini, Mem. Accad. Sci. dell' Ist. Bologna, (3) 7: 423, 1877. Adriatic Sea.

*Balænoptera edeni* Anderson, Anat. and Zool. Researches Yunnan Exped., p. 551, pl. 44, 1879. Gulf of Martaban, between Sittang and Beeling Rivers, India.

BALÆNOPTERA BOREALIS Lesson. Lesser Rorqual; Sei Whale

*Balæna rostrata* Rudolphi, Abh. K. Wiss. Akad. Berlin for 1820-21, p. 27-40, pl. 1-5, 1822 (not of P. L. S. Müller, 1776; not of O. Fabricius, 1780). North Sea.

*Balænoptera borealis* Lesson, Hist. Nat. Gén. et Partic. des Mamm. et Oiseaux découverts depuis 1788 (Compl. Oeuvres de Buffon, 1), Cétacés, p. 342, 1828. North Sea and Isle of Oléron, France.

*Balænoptera laticeps* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 20, 1846. North Sea, coast of Holstein (ex Rudolphi).

*Balænoptera brydei* Olsen, Tidens Tegn, 12 Nov. 1912 (Norwegian newspaper); Proc. Zool. Soc. London, p. 1074, pl. 109, 110, 17 Dec. 1913. Saldahna Bay, Cape Colony.

BALÆNOPTERA PHYSALUS (Linnæus). Common Finback Whale

*Balæna physalus* Linnæus, Syst. Nat., ed. 10, 1: 75, 1758. European seas.

*Balæna boops* Linnæus, Syst. Nat., ed. 10, 1: 76, 1758 (young of *B. physalus*). "In Oceano septentrionali."

*Balænoptera gibbar* Lacépède, Hist. Nat. des Cétacées, (4to ed.) p. xxxvi, 114, 1804. Arctic Ocean, near Greenland.

*Balænoptera rorqual* Lacépède, Hist. Nat. des Cétacées, (4to ed.) p. xxxvii, 126, 1804. Eastern North Atlantic, Scotland to Mediterranean.

*Balæna sulcata* Neill, Mem. Wernerian Nat. Hist. Soc., Edinburgh, 1: 212, 1811. Near Alloa, Scotland.

- Balænoptera mediterraneensis* Lesson, Hist. Nat. Gén. et Partic. des Mamm. et Oiseaux découverts depuis 1788 (Compl. Oeuvres de Buffon, 1), Cétacés, pp. 361, 442 (name), 1828. Renaming of *B. rorqual* Lacépède. Mediterranean Sea.
- Physalis vulgaris* Fleming, History of Brit. Animals, p. 32, 1828. No locality.
- Balæna antiquorum* J. B. Fischer, Synopsis Mamm., p. 525, 1829. Mediterranean Sea.
- Balænoptera aragous* Farines and Carcassonne, Mém. sur un Cétacé échoué 27 nov. 1928 sur la Côte de Saint-Cyprien, 2 pp., 1829 (Perpignan). Coast of St. Cyprien, Corsica.
- Balænoptera tenuirostris* Sweeting, Charlesworth's Mag. Nat. Hist. (2) 4: 343, July 1840. Charmouth Beach, England.
- Balæna sulcata arctica* Schlegel, Abhandl. aus d. Gebiete d. Zool., pt. 1, p. 38, pl. 6, f. 1-5, 1841. Coast of Holland.
- Physalus duguidii* Heddle, Proc. Zool. Soc. London, p. 187, pl. 44, 45 (Mammals), 11 Dec. 1856. Island of Laman (or Lambholm), Orkneys. The name occurs on the plates only.
- Balænoptera robusta* Lilljeborg, Forhandl. ved Skandinaviske Naturforskeres Ottende Møde, Kjöbenhavn, for 1860, 8: 602, 1861. Sweden.
- Benedenia knoxii* Gray, Proc. Zool. Soc. London, p. 212, text-f. 8-8b, Nov. 1864. Coast of North Wales.
- Sibbaldius* *tuberosus* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 16, 20 July 1869. Coast of eastern North America.
- Sibbaldius tectirostris* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 17, 20 July 1869. Sinepuxent Bay, Maryland.
- Balænoptera blythii* Anderson, Anat. and Zool. Researches Yunnan Exped., p. 564, 1879. Indian Coast.
- Dubertus rhodinsulensis* Trumbull, in G. B. Goode, Fisheries and Fishery Industries of U. S., sect. 1, 1: 29, 1884 (nomen nudum). Rhode Island, U. S. Amer.

### MEGAPTERA Gray. Humpback Whale

- Kyphobalæna* Eschricht, Kongl. Danske Vid. Selsk. Skr., Kjöbenhavn, nat.-math. Afd., (5) 1: 108, 1849. Genotype *Kyphobalæna boops* (O. Fabricius) = *Megaptera nodosa* (Bonnaterre).
- Megaptera* Gray, Ann. Mag. Nat. Hist. (3) 14: 350, Nov. 1864. Genotype *Balæna longimana* Rudolphi = *Balæna nodosa* Bonnaterre.
- Pascopia* Gray, Proc. Zool. Soc. London, p. 207, text-f. 3, Nov. 1864. Subgenus of *Megaptera*, type *Balæna lalandii* J. B. Fischer.

MEGAPTERA NOVÆANGLIÆ (Borowski). Humpback Whale

*Balæna boops* O. Fabricius, Fauna Grænlantica, p. 36, 1780, and later authors, but not of Linnæus. Greenland seas, especially Pamiut and Pissukbik.



*Balæna novæ anglæ* Borowski, Gemeinnützige Naturgesch. des Thierreichs (Berlin), 2: pt. 1, p. 21, p. 1781. New England coast.

For use of this name see Kellogg, R., Proc. Biol. Soc. Washington, 45: 148, 9 Sep. 1932.

*B[alæna] nodosa* Bonnaterre, Tabl. Encycl. et Method. d. Trois Règnes de la Nature, Cétologie, p. 5, 1789. New England coast.

*Balænoptère pæskop* Desmoulins, Dictionnaire Class. d'Hist. Nat., 2: 164, 1822. Cape of Good Hope. Not Latinized.

*Balænoptera australis* Lesson, Hist. Nat. Gén. et Partic. des Mamm. et Oiseaux decouverts depuis 1788 (Compl. Oeuvres de Buffon, 1), Cétacés, p. 372, 1828. Cape of Good Hope.

*Balæna lalandii* J. B. Fischer, Synopsis Mamm., p. 525, 1829. Cape of Good Hope.

*Balæna longimana* Rudolphi, Abh. K. Akad. Wiss. Berlin, p. 133, pl. 1-5, 1832.

*Balænoptera capensis* A. Smith, South African Quart. Journ., 2: 130, 1834. Cape of Good Hope.

*Balænoptera leucopteron* Lesson, Nouv. Tabl. Règne Anim., Mamm., p. 202, 1842, nomen nudum. High southern latitudes.

*Megaptera americana* Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 17, 1846. Bermuda Islands.

*Balænoptera syncondylus* A. Müller, Schrift. K. Phys.-oekonom. Ges. Königsberg, 4: 38, pl. 1-3, 1863. "Ostsee an die kurische Nehrung," Germany.

*Megaptera gigas* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 179, Dec. 1865.

*Megaptera osphyia* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 180, Dec. 1865. Forty miles off Petit Manan Lighthouse, Maine.

*Megaptera expansa* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 193, Dec. 1868. Nomini Cliffs, Westmoreland County, Virginia (?Miocene).

*Megaptera longimana* var. *moorei* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 122, 1866. Estuary of the Dee, Scotland.

*Kyphobalæna képorkak* Van Beneden, Bull. Acad. Roy. Sci., Lettres et Beaux-Arts Belgique, Bruxelles, (2) 25: 116, 1868. No locality.

*Megaptera bellicosa* Cope, Proc. Amer. Phil. Soc., 12: 107, text-f. 21-27, 1871. St. Bartholomew's, West Indies.

*Megaptera novæ-anglæ* Trouessart, Cat. Mamm. Viv. Foss., pt. 5, p. 1085, 1898, based on Brisson. New England coast.

### SIBBALDUS Gray

*Sibbaldus* Gray, Proc. Zool. Soc. London, p. 222, text-f. 16-18, Nov. 1864. Genotype *Sibbaldus borealis* Gray (not Lesson) = *Balæna musculus* Linnæus. Spelling changed to *Sibbaldius* by Flower, Proc. Zool. Soc. London, p. 391, 1864.

*Cuvierius* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 114, 1866. Genotype *Physalus latirostris* Flower = *Sibbaldus musculus* (Linnæus).

*Flowerius* Lilljeborg, Nova Acta Reg. Soc. Sci., Upsala, (3) 6: art. 6, p. 11, 1867. Genotype "*Flowerius gigas* (Eschricht), *Sibbaldius borealis* Gray" = *Balæna musculus* Linnæus.

*Balænoptera* in part, of authors.

*SIBBALDUS MUSCULUS* (Linnæus). Blue Whale

*Balæna musculus* Linnæus, Syst. Nat., ed. 10, 1: 76, 1758. "In Mare Scotico" = Frith of Forth, Scotland.

*Balænoptera jubartes* Lacépède, Hist. Nat. des Cétacées (4to ed.), pp. xxxvii, 120, 1804. Greenland Seas to Iceland.

*Balæna maximus borealis* Knox, Cat. Prep. Whale, p. 5, 1828.

*Physalus* (*Rorqualus*) *sibbaldii* Gray, Proc. Zool. Soc. London, p. 92, 20 July 1847. Coast of Yorkshire, England.

*Balænoptera gigas* Reinhardt, in Rink's Grönland Geografisk og Statistisk Beskrevet, Bidrag, 1: pt. 2, p. 10, 1857. Greenland Seas.

*Balænoptera indica* Blyth, Journ. Asiatic Soc. Bengal, (2) 29: 488, 1859. Sondip, Bay of Bengal.

*Balænoptera palachonica* Burmeister, Proc. Zool. Soc. London, p. 191, text-f. 1-11, June 1865. Banks of La Plata River, "some leagues from Buenos Ayres," Argentina.

*Balænoptera carolinæ* Malm, Nagra blad om Hvaldjur i Allmänhet og Balænoptera carolinæ i Synnerhet, Goeteborg, 1866.

*Sibbaldius sulfureus* Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 20, 20 July 1869. Northwest coast of United States.

*Pterobalæna gryphus* Munter, Mitth. Naturw. Verein von Neu-Vorpommern u. Rügen, 9: 1, pl. 1-2, 1877. Wieck bei Greifswald, Germany.

## Order NOMARTHRA. Pangolins

Although this term originally included both the pangolins and the aardvarks, the latter have now been removed to a separate order, so that either the name must be used in the restricted sense, or a new one proposed.

*Lepidota* Lane, Science, new ser., 31: 913, 1910; to replace *Pholidota* Weber, 1904, not of Merrem, 1820. Not *Squamata* Huxley, 1872, which is antedated by the same term proposed by Oppel for reptiles. Not *Lepidota* Vogt, 1851; see Gill, Science, new ser., 32: 56, 8 July 1910.

### Family MANIDÆ. Pangolins

Review: Pocock, R. I. The external characters of the pangolins (Manidæ). Proc. Zool. Soc. London, p. 707-723, text-f. 6-13, 22 Sep. 1924.

## Subfamily SMUTSIINÆ

## SMUTSIA Gray

*Smutsia* Gray, Proc. Zool. Soc. London, p. 369, Oct. 1865. Genotype *Manis temminckii* Smuts.

SMUTSIA GIGANTEA (Illiger). Giant Ground Pangolin

*Manis gigantea* Illiger, Abh. K. Akad. Wiss., Berlin, p. 84, 1815.

*Pholidotus africanus* Gray, Proc. Zool. Soc. London, p. 368, pl. 17, text-f., Oct. 1865. River Niger.

*Manis wagneri* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 65: sect. 1, p. 48, 1872.

SMUTSIA TEMMINCKII (Smuts)

*Manis temminckii* Smuts, Enumerat. Mamm. Capensium, p. 54, pl. 3, f. 1-2, 1832. Cape of Good Hope, from beyond Latukou.

*Phatages hedenborgii* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 65: sect. 1, p. 69, 1872. Sennaar, and elsewhere in northeastern and central Africa.

## Subfamily UROMANINÆ. Arboreal Pangolins

## PHATAGINUS Rafinesque

*Phataginus* Rafinesque, Ann. Gén. Sci. Phys. de Bruxelles, 7: 214, 1820. As a subgenus, type *Manis tricuspis* Rafinesque.

*Phatagin* Gray, Proc. Zool. Soc. London, p. 363, 2 text-f., Oct. 1865. As a subgenus of *Manis*; type *Manis tricuspis* Rafinesque.

*Triglochinchopholis* Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 65: sect. 1, p. 27, 1872. Genotype *Manis tricuspis* Rafinesque.

PHATAGINUS TRICUSPIS (Rafinesque)

*Manis tricuspis* Rafinesque, Ann. Gén. Sci. Phys. de Bruxelles, 7: 214, 1820 West Africa.

*Manis multiscutata* Gray, Proc. Zool. Soc. London, p. 22, July 1843. "Western Africa."

*M[anis] tridentata* Focillon, Revue et Mag. de. Zool., (2) 2: 472, pl. 11, Sep. 1850. Coast of Mozambique (?).

## UROMANIS Pocock. Long-tailed Pangolin

*Uromanis* Pocock, Proc. Zool. Soc. London, pp. 722, 723, 22 Sep. 1924. Genotype *Manis longicaudata* Brisson.

UROMANIS LONGICAUDATA (Brisson)

*Pholidotus longicaudatus* Brisson, Règne Anim., 3: Quadr., p. 19, 1762.

- Manis tetradactyla* Linnæus, Syst. Nat., ed. 12, 1: 53, 1766. "America australi."  
= West Africa.
- Manis macroura* Erxleben, Syst. Regni Animalis, p. 101, 1777. "Guinea?"
- Manis ceonyx* Rafinesque, Ann. Sci. Phys. Bruxelles, for 1820, 7: 215, 1821.
- Manis africana* Desmarest, Encyclop. Méthodique, Mammalogie, 2: 376, 1822.  
Senegal and Guinea.
- Manis guineensis* and *senegalensis* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 65: sect. 1, p. 16, 17 resp., 1872. Guinea and Senegambia.
- Manis hessi* Noack, Zool. Jahrb., Syst., 4: 100, pl. 1; 3, f. 1-3, 28 Feb. 1889.  
Banana, north bank of the mouth of the Congo.

## Order TUBULIDENTATA. Aard-varks

### Family ORYCTEROPODIDÆ

Review: Pocock, R. I. Some external characters of *Orycteropus afer*. Proc. Zool. Soc. London, p. 697-706, text-f. 1-5, 22 Sep. 1924.

### ORYCTEROPUS E. Geoffroy

*Orycteropus* E. Geoffroy, Décade Philosophique, 1795; Bull. Sci. Soc. Philomatique, Paris, (1) 1: 102, Apr.-Je. 1796. Genotype *Myrmecophaga capensis* Gmelin = *M. afra* Pallas.

Note: the status of most of the named forms is subject to revision.

ORYCTEROPUS AFER AFER (Pallas). South African Aard-vark  
*Myrmecophaga afra* Pallas, Miscellanea Zool., p. 64, 1766. Cape of Good Hope.  
*Myrmecophaga capensis* Gmelin, Linn. Syst. Nat., ed. 13, 1: pt. 1, p. 53, 1788.  
Cape of Good Hope.

### ORYCTEROPUS AFER ADAMETZI Grote

*Orycteropus afer adametzi* Grote, Arch. f. Naturgesch., 87: sect. A, pt. 7, p. 126, f. 2, June 1921. Bamessing, northwestern Cameroons.

### ORYCTEROPUS AFER ÆTHIOPICUS Sundevall

*Orycteropus æthiopicus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 236, pl. 3, f. 1-5, 1843. Near Bahr-el-Abiad, Sennaar.

### ORYCTEROPUS AFER ALBICAUDUS W. Rothschild

*Orycteropus afer albicaudus* W. Rothschild, Novitates Zool., 14: 506, 1 Nov. 1907. Former German Southwest Africa.

### ORYCTEROPUS AFER ERIKSSONI Lönnberg

*Orycteropus erikssoni* Lönnberg, Arkiv f. Zool., 3: no. 3, p. 1, pl. 1, 15 Jan. 1906. Northern Congo.

## ORYCTEROPUS AFER FARADJIUS Hatt

*Orycteropus erikssoni faradjius* Hatt, Amer. Mus. Novitates, no. 535, p. 1, 6 June 1932. Faradje, Haut-Uele, Congo Belge.

## ORYCTEROPUS AFER HAUSSANUS Matschie

*Orycteropus haussanus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 102, 104, 1900. Haussaland, interior of Togo, West Africa.

## ORYCTEROPUS AFER KORDOFANICUS W. Rothschild

*Orycteropus afer kordofanicus* W. Rothschild, Ann. Mag. Nat. Hist. (9) 19: 512, Apl. 1927. Kordofan.

## ORYCTEROPUS AFER LADEMANNI Grote

*Orycteropus afer lademanni* Grote, Arch. f. Naturgesch., 87: sect. A, pt. 7, p. 123, June 1911. Wassi, north of Kondoa-Irangi, Masai Plains, Tanganyika Territory.

## ORYCTEROPUS AFER LEPTODON Hirst

*Orycteropus leptodon* Hirst, Ann. Mag. Nat. Hist. (7) 17: 383, Mar. 1906. Efulen, Cameroons.

## ORYCTEROPUS AFER MATSCHIEI Grote

*Orycteropus afer matschiei* Grote, Arch. f. Naturgesch., 87: sect. A, pt. 7, p. 122, f. 1, June 1921. Mikindani, coast of Tanganyika Territory.

## ORYCTEROPUS AFER OBSERVANDUS Grote

*Orycteropus afer observandus* Grote, Arch. f. Naturgesch., 87: sect. A, pt. 7, p. 123, f. 1, June 1921. Ussangire, northwest of Ssongea, northeast coast of Lake Nyasa, Tanganyika Territory.

## ORYCTEROPUS AFER RUVANENSIS Grote

*Orycteropus afer ruvanensis* Grote, Arch. f. Naturgesch., 87: sect. A, pt. 7, p. 123, f. 1, June 1921. Ruwana region, southeast coast of Victoria Nyanza, Tanganyika Territory.

## ORYCTEROPUS AFER SENEGALENSIS Lesson

*Orycteropus senegalensis* Lesson, Revue Zoologique par Soc. Cuvierienne, 3: 225, Aug. 1840. Senegal.

*Orycteropus senegalensis* Schinz, Syst. Verzeichn. d. Säugeth., 2: 319, 1845. Podor River, Senegambia.

These two are apparently independent namings of the same animal.

## ORYCTEROPUS AFER SOMALICUS Lydekker

*O[rycteropus] a[fer] somalicus* Lydekker, Game Animals of Africa, p. 466, 1908. Somaliland.

## ORYCTEROPUS AFER WARDI Lydekker

*O[rycteropus] a[fer] wardi* Lydekker, Game Animals of Africa, p. 467, 1908. Northeastern Rhodesia.

## ORYCTEROPUS AFER WERTHERI Matschie

*Orycteropus wertheri* Matschie, in Werther, C. W., Die mittleren Hochländer des nördlichen Deutsch-Ost-Afrika, (Berlin), p. 266, 1898. Inland of Bagamoyo, Tanganyika Territory.

## Order RODENTIA. Gnawing Mammals

St. Leger, Jane. A key to the families and genera of African Rodentia. Proc. Zool. Soc. London, p. 957-997, pl. 1-10 (col.), 30 Sep. 1931.

## Suborder DUPLICIDENTATA

## Family LEPORIDÆ. Hares and Rabbits

## BUNOLAGUS Thomas. Kopje Hares

*Bunolagus* Thomas, Proc. Zool. Soc. London, p. 109, 30 Apl. 1929. Genotype *Lepus monticularis* Thomas.

## BUNOLAGUS MONTICULARIS (Thomas)

*Lepus monticularis* Thomas, Ann. Mag. Nat. Hist. (7) 11: 78, Jan. 1903. Deelfontein, central Cape Colony.

## LEPUS Linnæus. Hares

*Lepus* Linnæus, Syst. Nat., ed. 10, 1: 57, 1758. Genotype *Lepus timidus* Linnæus.

*Chionobates* Kaup, Skizzirte Entw.-Gesch. Naturl. Syst. Europ. Thierwelt, 1: 170, 1829. Genotypes *Lepus variabilis* and *L. borealis*.

*Eulagos* Gray, Ann. Mag. Nat. Hist. (3) 20: 222, Sep. 1867. No type specified; included *Eulagos mediterraneus* (Wagner) and *Eulagos judææ* Gray.

*Eulepus* Acloque, Faune de France, Mamm., p. 52, 1900. As a subgroup of *Lepus*, to include *L. timidus* Linnæus and *L. variabilis* Pallas, of which the former is now designated as type.

## LEPUS ÆGYPTIUS Desmarest

*Lepus ægyptius* Desmarest, Encyclop. Méthodique, Mammalogie, suppl., p. 350, 1822 (in part). Egypt.

*Lepus æthiopicus* Hemprich und Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio n, page 2, pl. 13, Oct. 1832. Nubia and Dongola, Upper Nile.



## LEPUS ANGOLENSIS ANGOLENSIS Thomas

*Lepus angolensis* Thomas, Ann. Mag. Nat. Hist. (7) 13: 420, text-f., June 1904.  
Ambaca, Angola.

## LEPUS ANGOLENSIS MERIDIONALIS Monard

*Lepus angolensis meridionalis* Monard, Bull. Soc. Neuchâteloise des Sci. Nat.,  
Neuchâtel, 57: 61, 1932. Kubango region, Angola (Rio Mbalé, Vila da  
Ponte, Caquindo).

## LEPUS ANSORGEI ANSORGEI Thomas and Wroughton

*Lepus ansorgei* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 16: 176,  
Aug. 1905. Caiala, Bihé, Angola, 6000 ft. alt.

## LEPUS ANSORGEI ZAIRENSIS Hatt

*Lepus ansorgei zairensis* Hatt, Revue Zool. et Bot. Africaines, 26: 423, fig., 15  
June 1935. Camp de la Lufu, lower Congo, Congo Belge.

## LEPUS ATLANTICUS De Winton

*Lepus atlanticus* De Winton, Proc. Zool. Soc. London, for 1897, p. 960, text-f.  
3, 5, Apl. 1898. Ras-el-Ain, in Hahá, Morocco.  
Range: Southwestern Morocco.

## LEPUS BARCÆUS Ghigi

*Lepus barcæus* Ghigi, Mem. R. Accad. Sci. Ist. Bologna, (7) 7: 81, Dec. 1920.  
Woods of Frejna, near Merg, Egypt.

## LEPUS BERBERANUS Heuglin

*Lepus berberanus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 28:  
no. 10, p. 5, 1861. No locality; Berbera, Somaliland, implied.

## LEPUS CANOPUS Thomas and Hinton

*Lepus canopus* Thomas and Hinton, Novitates Zool., 28: 12, May 1921.  
Farniso, near Kano, northern Nigeria.

## LEPUS CAPENSIS CAPENSIS Linnæus

*Lepus capensis* Linnæus, Syst. Nat., ed. 10, 1: 58, 1758. Cape of Good Hope.  
*Lepus arenarius* I. Geoffroy, Dictionnaire Class. d'Hist. Nat., 9: 383, Feb. 1826  
(young). "Dans les sables du pays des Hottentots."  
*Lepus capensis* var. *major* Grill, Kongl. Svenska Vet.-Akad. Handl., Stockholm,  
(2) 2: no. 10, p. 19, 1858. Roodeval, Karroo, Cape of Good Hope.

## LEPUS CAPENSIS ABBOTTI Hollister

*Lepus capensis abbotti* Hollister, Proc. Biol. Soc. Washington, 31: 35, 16 May  
1918. Plains east of Mt. Kilimanjaro, Kenya Colony.

## LEPUS CAPENSIS AQUILLO Thomas and Wroughton

*Lepus capensis aquillo* Thomas and Wroughton, Proc. Zool. Soc. London, p. 297, 1 Aug. 1907. Coguno, Inhambane, Mozambique.

## LEPUS CAPENSIS BEDFORDI Roberts

*Lepus capensis bedfordi* Roberts, Ann. Transvaal Mus., 15: 14, 1 Oct. 1932. Kalkbank, Pietersburg district, Transvaal.

## LEPUS CAPENSIS CENTRALIS Thomas

*Lepus capensis centralis* Thomas, Ann. Mag. Nat. Hist. (7) 12: 344, Sep. 1903. Deelfontein, Cape of Good Hope.

## LEPUS CAPENSIS CRAWSHAYI De Winton

*Lepus crawshayi* De Winton, Proc. Zool. Soc. London, p. 416, pl. 24, 1 Aug. 1899. Kitwi, east of Athi River and northeast of Machakos, Kenya Colony.

## LEPUS CAPENSIS ERMELOENSIS Roberts

*Lepus capensis ermeloensis* Roberts, Ann. Transvaal Mus., 15: 14, 1 Oct. 1932. South Africa.

## LEPUS CAPENSIS GRANTI Thomas and Schwann

*Lepus capensis granti* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 2, p. 6, 9 Feb. 1904; Proc. Zool. Soc. London, 1: 182, 9 June 1904. Port Nolloth, Little Namaqualand, Southwest Africa.

## LEPUS CAPENSIS HARTSENSIS Roberts

*Lepus capensis hartsensis* Roberts, Ann. Transvaal Mus., 15: 14, 1 Oct. 1932. Fourteen Streams, Orange Free State, South Africa.

## LEPUS CAPENSIS KALAHARICUS Dollman

*Lepus ochropus kalaharicus* Dollman, Ann. Mag. Nat. Hist. (8) 6: 400, Oct. 1910. Lehutitung, Bechuanaland.

## LEPUS CAPENSIS LANGI Roberts

*Lepus capensis langi* Roberts, Ann. Transvaal Mus., 15: 15, 1 Oct. 1932. Nkate, northern Bechuanaland.

## LEPUS CAPENSIS MANDATUS Thomas

*Lepus capensis mandatus* Thomas, Proc. Zool. Soc. London, 1: 309, 29 Apl. 1926. Berseba, Great Namaqualand, Southwest Africa.

## LEPUS CAPENSIS NARRANUS Thomas

*Lepus capensis narranus* Thomas, Proc. Zool. Soc. London, 1: 309, 29 Apl. 1926. Rooibank, Kuiseb River, Namib Desert, Southwest Africa.

## LEPUS CAPENSIS OCHROPOIDES Roberts

*Lepus capensis ochropoides* Roberts, Ann. Transvaal Mus., 13: 121, 6 July 1929. Burghersdorp, Cape Province.

## LEPUS CAPENSIS OCHROPUS Wagner

*Lepus ochropus* Wagner, Schreber's Säugthiere, Suppl., 4: 96, 1844. Cape of Good Hope.

"The yellow-naped High Veldt representative" of *L. capensis* (Thomas).

## LEPUS CAPENSIS SALÆ Jentink

*Lepus salæ* Jentink, Notes Leyden Mus., 2: 57, Apl. 1880. Mossamedes, Benguela, Angola.

See Thomas, O., Proc. Zool. Soc. London, p. 309, 29 Apl. 1926, as to status of this form.

## LEPUS CAPENSIS VERNAYI Roberts

*Lepus capensis vernayi* Roberts, Ann. Transvaal Mus., 15: 13, 1 Oct. 1932. Geluk, Kroonstad, Bechuanaland.

## LEPUS CHADENSIS Thomas and Wroughton

*Lepus chadensis* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 384, May 1907. Kadde, Lake Chad.

## LEPUS CORDEAUXI Drake-Brockman

*Lepus cordeauxi* Drake-Brockman, Ann. Mag. Nat. Hist. (8) 8: 276, Aug. 1911. Sheikh Mahomed, eastern Arussi, Abyssinia.

## LEPUS CRISPII Drake-Brockman

*Lepus crispui* Drake-Brockman, Ann. Mag. Nat. Hist. (8) 8: 275, Aug. 1911. Obbia, Italian Somaliland.

## LEPUS FAGANI Thomas

*Lepus fagani* Thomas, Proc. Zool. Soc. London, for 1902, 2: 315, Apl. 1903. Zegi, Lake Tana, Ethiopia, 4000 ft.

## LEPUS GUNGUNYANÆ Roberts

*Lepus gungunyanæ* Roberts, Ann. Transvaal Mus., 4: 184, 22 Aug. 1914. Jabwielu, between Bubyne and Nuanetsi Rivers, southeastern Rhodesia.

## LEPUS HABESSINICUS Hemprich and Ehrenberg

*Lepus habessinicus* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio p, 2d page, pl. 15, f. 2, Oct. 1832. East coast of Abyssinia, near Arkiko.

## LEPUS HARTERTI Thomas

*Lepus harterti* Thomas, Novitates Zool., 10: 301, 25 Aug. 1903. Rio de Oro.

## LEPUS HAWKERI Thomas

*Lepus hawkeri* Thomas, Ann. Mag. Nat. Hist. (7) 8: 277, Oct. 1901. Kaka, Anglo-Egyptian Sudan.

## LEPUS ISABELLINUS Cretzschmar

*Lepus isabellinus* Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördliche Afrika, Säugeth., p. 52, pl. 20, 1826. Deserts southwest of Ambukol, Sudan.

## LEPUS KABYLICUS De Winton

*Lepus kabylicus* De Winton, Ann. Mag. Nat. Hist. (7) 1: 155, Feb. 1898. Algiers, Algeria.

## LEPUS PALLIDIOR Barrett-Hamilton

*Lepus pallidior* Barrett-Hamilton, Ann. Mag. Nat. Hist. (7) 2: 422, Nov. 1898. Aures Mts., near Biskra, Algeria.

## LEPUS RAINEYI Heller

*Lepus raineyi* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 18, 5 July 1912. Longaya Water, 30 miles south of Mt. Marsabit, Kenya Colony.

## LEPUS ROTHSCILDI De Winton

*Lepus rothschildi* De Winton, Novitates Zool., 9: 444, 25 July 1902. Giza Province, Egypt.

*Lepus innesi* De Winton, Novitates Zool., 9: 445, 25 July 1902. Gattah, Fay-  
oum Province, Egypt.

## LEPUS SAXATILIS SAXATILIS F. Cuvier

*Lepus saxatilis* F. Cuvier, Dictionnaire des Sci. Nat., 26: 309, 1823. Cape of Good Hope.

*Lepus rufinucha* A. Smith, Zool. Journ., 4: 440, 1829. "Rocky and mountainous situations in South Africa."

*Lepus longicaudatus* Gray, Charlesworth's Mag. Nat. Hist. (2) 1: 586, Sep. 1837. "Magellan Land," but doubtless South Africa.

*Lepus fumigatus* Wagner, Schreber's Säugthiere, Suppl., 4: 98, pl. 233 G, 1844. "Kaffernland."

## LEPUS SAXATILIS ALBANIENSIS Roberts

*Lepus saxatilis albaniensis* Roberts, Ann. Transvaal Mus., 15: 12, 1 Oct. 1932. Kleinpoort, Fish River Valley, Albany district, Cape Colony.

## LEPUS SAXATILIS AURANTII Thomas and Hinton

*Lepus saxatilis aurantii* Thomas and Hinton, Proc. Zool. Soc. London, p. 497, 3 Sep. 1923. Louisvale, Orange River, Transvaal.

## LEPUS SAXATILIS CHIVERSI Roberts

*Lepus saxatilis chiversi* Roberts, Ann. Transvaal Mus., 13: 119, 6 July 1929. Rouxville, Orange Free State.

## LEPUS SAXATILIS CHOBIEENSIS Roberts

*Lepus saxatilis chobiensis* Roberts, Ann. Transvaal Mus., 15: 12, 1 Oct. 1932. Kabulabula, Chobe River, Transvaal.

## LEPUS SAXATILIS DAMARENSIS Roberts

*Lepus zuluensis damarensis* Roberts, Ann. Transvaal Mus., 11: 262, 14 Sep. 1926. Quickborn, Okahandja, Damaraland, Southwest Africa.

*Lepus saxatilis bechuanæ* Roberts, Ann. Transvaal Mus., 15: 12, 1 Oct. 1932. Gaberones, Bechuanaland.

## LEPUS SAXATILIS HERERO Thomas

*Lepus capensis herero* Thomas, Proc. Zool. Soc. London, 1: 308, 29 Apl. 1926. Lukualukasi, Ovamboland, Southwest Africa.

## LEPUS SAXATILIS MEGALOTIS Thomas and Schwann

*Lepus saxatilis megalotis* Thomas and Schwann, Proc. Zool. Soc. London, 1: 271, 10 Aug. 1905. Klipfontein, Little Namaqualand, Cape of Good Hope.

## LEPUS SAXATILIS MICKLEMI Chubb

*Lepus zuluensis micklemi* Chubb, Ann. Mag. Nat. Hist. (8) 1: 466, June 1908. Bulawayo, Southern Rhodesia.

## LEPUS SAXATILIS NGAMIENSIS Roberts

*Lepus saxatilis ngamiensis* Roberts, Ann. Transvaal Mus., 15: 12, 1 Oct. 1932. Maun, Ngamiland, Bechuanaland.

## LEPUS SAXATILIS NIGRESCENS Roberts

*Lepus saxatilis nigrescens* Roberts, Ann. Transvaal Mus., 15: 13, 1 Oct. 1932. Vila Pery, inland from Beira, Mozambique.

## LEPUS SAXATILIS SUBRUFUS Roberts

*Lepus zuluensis subrufus* Roberts, Ann. Transvaal Mus., 4: 100, 20 Oct. 1913. Wakkerstroom, Transvaal.

## LEPUS SAXATILIS ZULUENSIS Thomas and Schwann

*Lepus saxatilis zuluensis* Thomas and Schwann, Proc. Zool. Soc. London, 1: 270, 10 Aug. 1905. Umvolosi, Zululand, Natal.

*LEPUS SCHLUMBERGERI SCHLUMBERGERI* Saint-Loup

*Lepus schlumbergeri* Saint-Loup, Bull. Soc. Zool. de France, 19: 168, Dec. 1894  
Yerf-el-Acaab, El Fahs, Morocco (Cabrera).

Range: Northeastern Morocco from the Straits of Gibraltar to Yebala, and perhaps to Um-er-Rbia.

*LEPUS SCHLUMBERGERI MAROCCANUS* Cabrera

*Lepus maroccanus* Cabrera, Bol. R. Soc. Española Hist. Nat., Madrid, 7: 178,  
Apl. 1907. Marrakesh, Morocco.

Range: Southern plateau of the interior of Morocco, south of Um-er-Rbia; southeast to Seksaua.

*LEPUS SCHLUMBERGERI PEDICÆUS* Cabrera

*Lepus schlumbergeri pedicæus* Cabrera, Bol. Soc. Española Hist. Nat., Madrid, 23: 332, 30 July 1923; Trab. Mus. Nac. de Cienc. Nat., Madrid, zool., no. 57, p. 304, pl. 10, f. B (col.), 30 Dec. 1932. Ayeddin, eastern Rif, Morocco.

*LEPUS SCHLUMBERGERI SEFRANUS* Thomas

*Lepus sefranus* Thomas, Novitates Zool., 20: 590, 21 Oct. 1913. Ain Sefra, Morocco, 1100 m.

Range: Extreme southeastern Morocco and adjacent parts of the Algerian Sahara.

*LEPUS SCHLUMBERGERI SHERIF* Cabrera

*Lepus sherif* Cabrera, Bol. Soc. Española Hist. Nat., Madrid, 6: 366, July 1906. Mogador, Morocco.

*Lepus schlumbergeri sherif* Cabrera, Trab. Mus. Nac. de Cienc. Nat., Madrid, zool., no. 57, p. 303, pl. 10, f. 1, 30 Dec. 1932.

Range: Southwestern Morocco, between the Great Atlas and the sea.

*LEPUS SENEGALENSIS* (Rochebrune)

*Cuniculus senegalensis* Rochebrune, Actes Soc. Linn. de Bordeaux, (4) 7: 120, 1883. Cayor and Oualo, dunes of right bank of the Senegal, Senegambia.

*LEPUS SOMALENSIS* Heuglin

*Lepus somalensis* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 28: no. 10, p. 5, 1861. No locality; Somaliland implied.

*LEPUS TIGRENSIS* Blanford

*Lepus tigrænsis* Blanford, Ann. Mag. Nat. Hist. (4) 4: 330, Nov. 1869. Tigré, Takonda, highlands of Abyssinia (Ethiopia), 2500 m. alt.

*Lepus abyssinicus* Lefebvre, Voyage en Abyssinie, zool., 6: atlas, pl. 5, f. 1, 1850.

*LEPUS TUNETÆ* De Winton

*Lepus turetæ* De Winton, Ann. Mag. Nat. Hist. (7) 1: 157, Feb. 1898. Tunis.



*LEPUS VICTORIÆ VICTORIÆ* Thomas

*Lepus victoriae* Thomas, Ann. Mag. Nat. Hist. (6) 12: 268, Oct. 1893. Nassa, Speke Gulf, Victoria Nyanza, Tanganyika Territory.

*LEPUS VICTORIÆ KAKUMEGÆ* Heller

*Lepus kakumegæ* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 19, 5 July 1912. Lukosa River, Kakumega Forest, Kenya Colony.

*LEPUS VICTORIÆ MICROTIS* Heuglin

*Lepus microtis* Heuglin, Leopoldina, 5: 32, June 1865, in Nova Acta Acad. Cæs. Leop.-Carol., Halle, 24: 1865. "Lande der Ridj," Bahr-el-Ghazal, Anglo-Egyptian Sudan.

As to status of this hare, see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 169, 1919.

*LEPUS WHITAKERI* Thomas

*Lepus whitakeri* Thomas, Proc. Zool. Soc. London, 2: 12, pl. 1 (col.), Oct. 1902. Wadi Agarib, northwest of Sokna, Tripoli.

*LEPUS WHYTEI* Thomas

*Lepus whytei* Thomas, Proc. Zool. Soc. London, p. 142, June 1894; for 1896, p. 795, Apl. 1897. Palombi River, Shirwa plain, Nyasaland.

## ORYCTOLAGUS Lilljeborg

*Oryctolagus* Lilljeborg, Sverig. och Norges Rygggradsdjur, 1: 417, 441, 1873.

Subgenus of *Lepus*, type *Lepus cuniculus* Linnæus.

*Cuniculus* Meyer, Mag. f. Thiergesch., 1: 52, 1790. No type specified; not of Brisson, 1762; not of Wagler, 1830.

## ORYCTOLAGUS CUNICULUS CUNICULUS (Linnæus)

*Lepus cuniculus* Linnæus, Syst. Nat., ed. 10, 1: 58, 1758. "Europa australi."

Introduced under domestication, and sometimes feral as in lower Egypt.

## ORYCTOLAGUS CUNICULUS ALGIRUS (Loche)

*Cuniculus algirus* Loche, Cat. Mamm. et Oiseaux observés en Algérie, p. 27, 1858; Exploration Sci. de l'Algérie, Zool., Mammifères, p. 122, 1867. Algeria.

The name is credited to Gervais, ex Léréboullet, but the former gives no Latin name.

Range: Morocco, east to northern Algeria, in the western part of department of Constantine. See Cabrera, A., Sobre los conejos de Marruecos. Bol. Soc. Española Hist. Nat., Madrid, 23: 356-367, 29 Oct. 1923.

## ORYCTOLAGUS CUNICULUS HABETENSIS Cabrera

*O[ryctolagus] cuniculus habetensis* Cabrera, Bol. Soc. Española Hist. Nat., Madrid, 23: 366, 29 Oct. 1923. Dar Amezuk, Morocco.

Range: Straits of Gibraltar to Lau, Yebala.

## ORYCTOLAGUS CUNICULUS OREAS Cabrera

*Oryctolagus cuniculus oreas* Cabrera, Bol. Soc. Española Hist. Nat., Madrid, 22: 112, 27 Feb. 1922. Xauen, Morocco.

Range: Southeastern part of Yebala, Morocco, east to the high Rif.

## POËLAGUS St. Leger

*Poëlagus* St. Leger, Proc. Zool. Soc. London, p. 119, text-f. 1b, 2b, 3b, 30 Mar. 1932. Genotype *Lepus marjorita* St. Leger.

## POËLAGUS MARJORITA MARJORITA (St. Leger). Grass Hare

*Lepus marjorita* St. Leger, Ann. Mag. Nat. Hist. (10) 4: 292, Sep. 1929. Near Masindi, Bunyoro, Uganda, 4000 ft.

## POËLAGUS MARJORITA LARKENI St. Leger

*Poëlagus marjorita larkeni* St. Leger, Ann. Mag. Nat. Hist. (10) 16: 598, Dec. 1935. Yambio district, 100 miles north of Diawo, southwestern Bahr-el-Ghazal, Anglo-Egyptian Sudan.

## PRONOLAGUS Lyon. Rock Hares

*Pronolagus* Lyon, Smithsonian Misc. Coll., 45: 416, 15 June 1904. Genotype *Pronolagus crassicaudatus* Lyon (not Geoffroy) = *P. ruddi* Thomas and Schwann (see Lyon, M. W., jr., Proc. Biol. Soc. Washington, 19: 95, 4 June 1906).

## PRONOLAGUS CAUCINUS Thomas

*Pronolagus caucinus* Thomas, Proc. Zool. Soc. London, p. 109, 30 Apl. 1929. Karibib, Kaokoveld, Southwest Africa.

## PRONOLAGUS CRASSICAUDATUS CRASSICAUDATUS (I. Geoffroy). Rock Hare

*Lepus crassicaudatus* I. Geoffroy, Guérin's Mag. de Zool., 2: cl. 1, pl. 9 and text, 1832. Port Natal, Natal.

*Lepus rupestris* A. Smith, South African Quart. Journ., 2: 174, 1834. South Africa.

*Lepus melanurus* Rüppell, Mus. Senckenberg., Frankfurt a. M., 3: pt. 2, p. 137, 1842. Cape Colony.

**PRONOLAGUS CRASSICAUDATUS AUSTRALIS** Roberts

*Pronolagus crassicaudatus australis* Roberts, Ann. Transvaal Mus., 15: 270, 1 Aug. 1933. Clan William, Cape of Good Hope.

**PRONOLAGUS CRASSICAUDATUS BOWKERI** Hewitt

*Pronolagus crassicaudatus bowkeri* Hewitt, Records Albany Mus., 3: 437, pl. 26, f. 1; pl. 27, f. 7, 31 July 1927. Gaika's Kop, Amatola Mts., Cape Colony.

**PRONOLAGUS CRASSICAUDATUS CURRYI** (Thomas)

*Oryctolagus crassicaudatus curryi* Thomas, Ann. Mag. Nat. Hist. (7) 10: 245, Sep. 1902. Boshof, Orange Free State.

**PRONOLAGUS CRASSICAUDATUS NYIKÆ** (Thomas)

*Oryctolagus crassicaudatus nyikæ* Thomas, Ann. Mag. Nat. Hist. (7) 10: 244, Sep. 1902. Nyika plateau, northern Nyasaland, highest peaks, at 7000 ft.

**PRONOLAGUS CRASSICAUDATUS SAUNDERSIÆ** Hewitt

*Pronolagus crassicaudatus saundersiæ* Hewitt, Records Albany Mus., 3: 434, pl. 26, f. 2, 31 July 1927. Albany district, Cape Colony.

**PRONOLAGUS CRASSICAUDATUS VALLICOLA** Kershaw

*Pronolagus crassicaudatus vallicola* Kershaw, Ann. Mag. Nat. Hist. (9) 13: 80, Jan. 1924. Rift Valley, Kenya Colony.

**PRONOLAGUS RANDENSIS RANDENSIS** Jameson

*Pronolagus ruddi randensis* Jameson, Ann. Mag. Nat. Hist. (7) 20: 404, Nov. 1907. Observatory, Johannesburg, Transvaal, 5900 ft.

**PRONOLAGUS RANDENSIS CAPRICORNIS** Roberts

*Pronolagus randensis capricornis* Roberts, Ann. Transvaal Mus., 11: 262, 14 Sep. 1926. Newgate, on the Zoutpansberg, Transvaal.

**PRONOLAGUS RANDENSIS MAKAPANI** Roberts

*P[ronolagus] randensis makapani* Roberts, Ann. Transvaal Mus., 10: 75, 31 Jan. 1924. Makapan's Caves, near Piet Potgietersrust, Transvaal.

**PRONOLAGUS RANDENSIS POWELLI** Roberts

*Pronolagus randensis powelli* Roberts, Ann. Transvaal Mus., 10: 75, 31 Jan. 1924. Rooikrans, Rustenburg district, Transvaal.

**PRONOLAGUS RUDDI RUDDI** Thomas and Schwann

*Pronolagus ruddi* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 18, p. 23, 25 Apr. 1905; Proc. Zool. Soc. London, 1: 272, pl. 16, f. 4, 5, 10 Aug. 1905. Sibudeni, Zululand, Natal.

## PRONOLAGUS RUDDI KARIEGÆ Hewitt

*Pronolagus ruddi kariegæ* Hewitt, Records Albany Mus., 3: 433, pl. 27, f. 5-6, 31 July 1927. Bathurst district, Kariëga River, Cape Colony.

## PRONOLAGUS RUDDI LEBOMBO Roberts

*Pronolagus ruddi lebombo* Roberts, Ann. Transvaal Mus., 18: 240, 21 Feb. 1936. Ubombo, Mozambique.

*Pronolagus ruddi lebomboensis* Roberts, Ann. Transvaal Mus., 18: 173, 21 Feb. 1936. Accidental renaming of *P. ruddi lebombo*.

## Suborder SIMPLICIDENTATA

## Family ANOMALURIDÆ. Spiny-tailed Squirrels

## Subfamily ANOMALURINÆ

Review: Allen, J. A. Sciuridæ, Anomaluridæ, and Idiuridæ collected by the American Museum Congo Expedition. Bull. Amer. Mus. Nat. Hist., 47: 39-71, pl. 5, 27 Oct. 1922.

## ANOMALURELLA Matschie

*Anomalurella* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 351, July 1914. Subgenus? of *Anomalurus*, type *Anomalurus pusillus* Thomas.

## ANOMALURELLA PUSILLA PUSILLA (Thomas)

*Anomalurus pusillus* Thomas, Ann. Mag. Nat. Hist. (5) 20: 440, Nov. 1887. Bellima and Tingasi, Monbuttu (=Niagara), Congo Belge.

## ANOMALURELLA PUSILLA BATESI (De Winton)

*Anomalurus batesi* De Winton, Ann. Mag. Nat. Hist. (6) 20: 524, Dec. 1897. Como River, 75 miles from Gaboon.

## ANOMALUOPS Matschie

*Anomaluops* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 351, July 1914. Subgenus of *Anomalurus*, type *A. beecrofti* Fraser.

## ANOMALUOPS BEECROFTI BEECROFTI (Fraser)

*Anomalurus beecrofti* Fraser, Proc. Zool. Soc. London, for 1852, p. 17, pl. 32, 14 Nov. 1853. Island of Fernando Po.

*Anomalurus laniger* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 149, 1853 (young). Guinea coast.

## ANOMALUROPS BEECROFTI ARGENTEUS (Schwann)

*Anomalurus beecrofti argenteus* Schwann, Ann. Mag. Nat. Hist. (7) 13: 70, Jan. 1904. Abutschi, Niger River, about 150 miles from coast.

## ANOMALUROPS BEECROFTI CHAPINI J. A. Allen

*Anomalurops beecrofti chapini* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: p. 65, 27 Oct. 1922. Medje, Congo Belge.

## ANOMALUROPS BEECROFTI CITRINUS (Thomas)

*Anomalurus beecrofti citrinus* Thomas, Ann. Mag. Nat. Hist. (8) 18: 236, Aug. 1916. Benito River, Spanish Guinea.

Range: Lowlands from southern Cameroons to Gaboon.

## ANOMALURUS Waterhouse

*Anomalurus* Waterhouse, Proc. Zool. Soc. London, for 1842, p. 124, Jan. 1843. Genotype *Anomalurus fraseri* Waterhouse.

*Anoæthrus* Waterhouse, Proc. Zool. Soc. London, for 1842, p. 124, footnote, Jan. 1843. Provisional substitute for *Anomalurus* Waterhouse.

## ANOMALURUS CINEREUS Thomas

*Anomalurus cinereus* Thomas, Ann. Mag. Nat. Hist. (6) 15: 188, Feb. 1895. Upper Rovuma River, toward Lake Nyasa, Tanganyika Territory.

## ANOMALURUS ERYTHRONOTUS Milne-Edwards

*Anomalurus erythronotus* Milne-Edwards, Compt. Rend. Acad. Sci., Paris, 89: 771, 1879; Huet, Nouv. Arch. Mus. d'Hist. Nat., Paris, (2) 6: 285, pl. 21, 1884. Gaboon.

## ANOMALURUS FRASERI FRASERI Waterhouse

*Anomalurus fraseri* Waterhouse, Proc. Zool. Soc. London, for 1842, p. 124, Jan. 1843. Fernando Po.

*Pteromys squamicaudus* Schinz, Syst. Verzeichn. Säugeth., 2: 58, 1845 (renaming of *Anomalurus fraseri* Waterhouse). Fernando Po.

*Anomalurus fraseri laticeps* d'Aguilar-Amat, Butlleti Inst. Catalana d'Hist. Nat., Barcelona, 2: 53, pl. 1, f. 1-1b, Mar. 1922. Pico de Santa Isabel, Fernando Po. (Syn. of *A. fraseri*, see Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 23: 68, 28 Feb. 1923.)

## ANOMALURUS FRASERI BELDENI Du Chaillu

*Anomalurus beldeni* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 303, July 1860. Gaboon.

## ANOMALURUS FRASERI CHRYSOPHÆNUS Dubois

*Anomalurus chrysophænus* Dubois, Bull. Soc. Zool. de France, Paris, 13: 23, Jan. 1888. Landana, southern Congo.

## ANOMALURUS FRASERI DERBIANUS (Gray)

*Pteromys derbianus* Gray, Ann. Mag. Nat. Hist. (1) 10: 262, Dec. 1842. Sierra Leone.

## ANOMALURUS FRASERI GRISELDA Dollman

*Anomalurus fraseri griselda* Dollman, Ann. Mag. Nat. Hist. (8) 14: 490, Dec. 1914. Bitye, southern Cameroons.

## ANOMALURUS FRASERI NIGRENSIS Thomas

*Anomalurus fraseri nigrens* Thomas, Abstr. Proc. Zool. Soc. London, no. 10, p. 12, 22 Nov. 1904; Proc. Zool. Soc. London, for 1904, 2: 190, 18 Apl. 1905. Abutschi, lower Niger River, Nigeria.

## ANOMALURUS FULGENS Gray

*Anomalurus fulgens* Gray, Ann. Mag. Nat. Hist. (4) 3: 467, June 1869; Alston, Proc. Zool. Soc. London, p. 96, pl. 21 (col.), June 1875. Gaboon.

## ANOMALURUS IMPERATOR Dollman

*Anomalurus imperator* Dollman, Ann. Mag. Nat. Hist. (8) 8: 257, Aug. 1911. Bibianaha, 60 miles west of Kumasi, Gold Coast.

## ANOMALURUS JACKSONI JACKSONI De Winton

*Anomalurus jacksoni* De Winton, Ann. Mag. Nat. Hist. (7) 1: 251, Mar. 1898. Entebbe, Uganda.

## ANOMALURUS JACKSONI FORTIOR Lönnberg

*Anomalurus jacksoni fortior* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 66, 1 Sep. 1917. Masisi, near Kivu, Congo Belge.

## ANOMALURUS JACKSONI JORDANI St. Leger

*Anomalurus jacksoni jordani* St. Leger, Novitates Zool., 39: 251, 30 Aug. 1935. Fazenda Congulu, Amboin district, Angola, 7-800 m.

## ANOMALURUS JACKSONI PERUSTUS Thomas

*Anomalurus jacksoni perustus* Thomas, Ann. Mag. Nat. Hist. (8) 18: 235, Aug. 1916. River Lubefu, 75 miles north of Lusambo, South Congo.

## ANOMALURUS NEAVEI Dollman

*Anomalurus neavei* Dollman, Ann. Mag. Nat. Hist. (8) 3: 351, Apl. 1909. Kambove, Katanga, Congo.



**ANOMALURUS ORIENTALIS** Peters

*Anomalurus orientalis* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 164, pl. (col.), 1880. Zanzibar.

**Subgenus ANOMALURODON** Matschie

*Anomalurodon* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 350, July 1914. Subgenus of *Anomalurus*, type *A. auzembergeri* Matschie.

**ANOMALURUS AUZEMBERGERI** Matschie

*A[nomalurus] auzembergeri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 350, July 1914. Near Patokla, middle Cavalle River, near boundary between Liberia and Ivory Coast.

**ANOMALURUS PELII** (Schlegel and S. Müller)

*Pteromys (Anomalurus) pelii* Schlegel and S. Müller, Verhandel. over Natuurl. Geschiedn. Nederland. Bezittingen, Zool., publ. by Natuurkundige Commissie in Oostindië, C. J. Temminck, ed., 1: pt. 2, p. 109, 1843-5. Daboeram (=Dabacrom), Gold Coast.

**Subfamily IDIURINÆ****IDIURUS** Matschie. Pygmy Scaly-tailed Squirrels

*Idiurus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 194, 1894. Genotype *Idiurus zenkeri* Matschie.

**IDIURUS LANGI** J. A. Allen

*Idiurus langi* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 69, pl. 5, 27 Oct. 1922. Medje, Congo Belge.

**IDIURUS MACROTIS** Miller

*Idiurus macrotis* Miller, Proc. Biol. Soc. Washington, 12: 73, text-f. 15-19, 24 Mar. 1898. Efulen, Cameroons.

**IDIURUS PANGA** J. A. Allen

*Idiurus panga* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 70, 27 Oct. 1922. Panga, Congo Belge.

**IDIURUS ZENKERI ZENKERI** Matschie

*Idiurus zenkeri* Matschie, Sitzb. Ges. Naturf. Freunde, p. 197, text-f., 1894; p. 25, text-f. 3, 1898. Yaunde, Cameroons.

**IDIURUS ZENKERI KIVUENSIS** Lönnberg

*Idiurus zenkeri kivuensis* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 67, 1 Sep. 1917. Masisi, Kivu district, Congo Belge.

## ZENKERELLA Matschie

*Zenkerella* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 23, text-f. 1, 2, 17 May 1898. Genotype *Zenkerella insignis* Matschie.

*Aëthurus* De Winton, Proc. Zool. Soc. London, p. 450, pl. 34, 35, 1 Oct. 1898. Genotype *Aëthurus glirinus* De Winton = *Zenkerella insignis* Matschie.

ZENKERELLA INSIGNIS Matschie. Non-flying Scaly-tailed Squirrel.

*Zenkerella insignis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 24, text-f. 1, 2, 17 May 1898. Yaunde, Cameroons.

*Aëthurus glirinus* De Winton, Proc. Zool. Soc. London, p. 451, pl. 34, 35, 1 Oct. 1898. Benito River, French Congo.

## Family SCIURIDÆ. Tree and Ground Squirrels

See: Thomas, Oldfield. The generic arrangement of the African squirrels. Ann. Mag. Nat. Hist. (8) 3: 467-475, June 1909.

## ÆTHOSCIURUS Thomas

*Æthosciurus* Thomas, Ann. Mag. Nat. Hist. (8) 17: 271, Mar. 1916. Genotype *Sciurus poensis* A. Smith.

ÆTHOSCIURUS BYATTI BYATTI (Kershaw)

*Funisciurus byatti* Kershaw, Ann. Mag. Nat. Hist. (9) 11: 592, May 1923. Moshi, Kilimanjaro, Tanganyika Territory.

*Æthosciurus byatti* Kershaw, Ann. Mag. Nat. Hist. (9) 11: 708, June 1923.

ÆTHOSCIURUS BYATTI LÆTUS Allen and Loveridge

*Æthosciurus byatti lætus* G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 96, Feb. 1933. Madehani, Ukinga Mts., north end of Lake Nyasa, Tanganyika Territory.

ÆTHOSCIURUS LUCIFER (Thomas)

*Xerus* (*Paraxerus*) *lucifer* Thomas, Proc. Zool. Soc. London, p. 430, 1 Oct. 1897. Kombe Forest, Masuku Mts., Nyasaland, 7000 feet.

*Funisciurus lucifer* Thomas, Proc. Zool. Soc. London, for 1897, p. 932, pl. 54 (col.), 1 Apl. 1898.

ÆTHOSCIURUS POENSIS POENSIS (A. Smith)

*Sciurus poensis* A. Smith, South African Quart. Journ., 2: 128, 1834. Island of Fernando Po.

*ÆTHOSCIURUS POENSIS MUSCULINUS* (Temminck)

*Sciurus musculus* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 142, 1853. Guinea coast.

*ÆTHOSCIURUS POENSIS SUBVIRIDESCENS* (Leconte)

*Sciurus subviridescens* Leconte, Proc. Acad. Nat. Sci. Philadelphia, p. 11, Jan. 1857. "Western Africa" = Gaboon.

*Sciurus olivaceus* Milne-Edwards, Rev. et Mag. de Zool., (2) 19: 228, July 1867. Between Cape Palmas and the Calabar coast, West Africa.

*Æthosciurus poensis subviridescens* Cabrera, Mem. Real Soc. Española Hist. Nat., Madrid, 16: 75, 10 July 1929.

*ÆTHOSCIURUS RUWENZORII RUWENZORII* (Schwann)

*Sciurus rufobrachiatus ruwenzorii* Schwann, Ann. Mag. Nat. Hist. (7) 13: 71, Jan. 1904. Wimi Valley, Ruwenzori, Uganda border.

See Thomas, Ann. Mag. Nat. Hist. (7) 19: 121, Jan. 1907 — not one of *rufobrachiatus* group.

*Sciurus ruwenzorii* Thomas and Schwann, Trans. Zool. Soc. London, 19: 497, Mar. 1910.

*ÆTHOSCIURUS RUWENZORII VULCANIUS* (Thomas)

*Sciurus ruwenzorii vulcanius* Thomas, Ann. Mag. Nat. Hist. (8) 4: 476, Nov. 1909. Vulcan Forest, north of Lake Kivu, between Bajaka and Kassongo, Congo Belge.

*ÆTHOSCIURUS VEXILLARIUS* (Kershaw)

*Funisciurus vexillarius* Kershaw, Ann. Mag. Nat. Hist. (9) 11, 591, May 1923. Wilhelmsthal, Lushoto, Usambara, Tanganyika Territory.

*Æthosciurus vexillarius* Kershaw, Ann. Mag. Nat. Hist. (9) 11: 708, June 1923.

## ATLANTOXERUS Forsyth Major

*Atlantoxerus* Forsyth Major, Proc. Zool. Soc. London, p. 189, pl. 8, f. 9; pl. 9, f. 9, June 1893. Subgenus of *Xerus*, type *Xerus getulus* (Linnæus).

## ATLANTOXERUS GETULUS (Linnæus)

*Sciurus getulus* Linnæus, Syst. Nat., ed. 10, 1: 64, 1758. "Africa;" type locality fixed as Agadir, Morocco, by Cabrera (Trab. Mus. Nac. Cienc. Nat., Madrid, zool. ser., no. 57, p. 217, pl. 8, 30 Dec. 1932).

*Xerus trivittatus* Gray, Ann. Mag. Nat. Hist. (1) 10: 264, Dec. 1842. "? India." Range: All the Grand Atlas from the Atlantic coast between Uad Tensift and Uad Sus, at the extreme east of the chain extending to the middle Atlas and the Algerian Sahara.

## EPIXERUS Thomas

*Epixerus* Thomas, Ann. Mag. Nat. Hist. (8) 3: 472, June 1909. Genotype  
*Sciurus wilsoni* Du Chaillu.

## EPIXERUS EBII (Temminck)

*Sciurus ebii* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 129, 1853.  
Forests of Guinea: Dabocrom.

## EPIXERUS WILSONI (Du Chaillu)

*Sciurus wilsoni* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 364, Nov. 1860.  
Gaboon, headwaters of the Ovenga River.

## EUXERUS Thomas

*Euxerus* Thomas, Ann. Mag. Nat. Hist. (8) 3: 473, June 1909. Genotype  
*Sciurus erythropus* E. Geoffroy.

## EUXERUS ERYTHROPUS ERYTHROPUS (E. Geoffroy)

*Sciurus erythropus* E. Geoffroy, Cat. Mamm. Mus. d'Hist. Nat. Paris, p. 178,  
1803. Probably Senegal.

*Sciurus alborivittatus* Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 10: 110,  
1817. ? East Indies in part; probably western Africa.

*Sc[iurus] marabutus* Lesson, Compléments de Buffon, ed. 2, Paris, 1: 467, 1838.  
Senegal.

*Sc[iurus] prestigiator* Lesson, Compléments de Buffon, ed. 2, Paris, 1: 468,  
1838. Senegal.

*Sciurus lessonii* Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 55:  
sect. 1, p. 488, 1867. New name for *Sciurus marabutus* Lesson.

## EUXERUS ERYTHROPUS AGADIUS Thomas and Hinton

*Euxerus erythropus agadius* Thomas and Hinton, Novitates Zool., 28: 6, 14 May  
1921. Agades, northern Nigeria.

## EUXERUS ERYTHROPUS CHADENSIS (Thomas)

*Xerus erythropus chadensis* Thomas, Ann. Mag. Nat. Hist. (7) 15: 387, Apl.  
1905. Yo, Lake Chad.

## EUXERUS ERYTHROPUS FULVIOR (Thomas)

*Xerus microdon fulvior* Thomas, Ann. Mag. Nat. Hist. (7) 15: 389, Apl. 1905.  
Fort Hall, Kenya Colony.

## EUXERUS ERYTHROPUS LACUSTRIS (Thomas)

*Xerus erythropus lacustris* Thomas, Ann. Mag. Nat. Hist. (7) 15: 388, Apl. 1905.  
Masindi, Unyoro, Uganda.

**EUXERUS ERYTHROPUS LEUCOUMBRINUS** (Rüppell)

*Sciurus leucoumbrinus* Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, Säugeth., p. 38, 1835. Abyssinia, Sennaar, and Kordofan; restricted to Abyssinia, by Thomas (Proc. Zool. Soc. London, p. 256, footnote, 6 July 1923).

**EUXERUS ERYTHROPUS LIMITANEUS** Thomas and Hinton

*Euxerus erythropus limitaneus* Thomas and Hinton, Proc. Zool. Soc. London, p. 255, 6 July 1923. Zalingei, Darfur.

**EUXERUS ERYTHROPUS MÆSTUS** Thomas

*Euxerus erythropus mæstus* Thomas, Ann. Mag. Nat. Hist. (8) 5: 419, May 1910. Daru, Sierra Leone, 150 miles inland.

**EUXERUS ERYTHROPUS MICRODON** (Thomas)

*Xerus microdon* Thomas, Ann. Mag. Nat. Hist. (7) 15: 389, Apl. 1905. Kitui, Kenya Colony.

**FUNISCIURUS** Trouessart

*Funisciurus* Trouessart, Le Naturaliste, 2: 293, 1 Oct. 1880. As a subgenus of *Sciurus*; type by monotypy *Sciurus isabella* Gray = *Funisciurus isabella* (Gray); see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 51, 27 Oct. 1922. Raised to generic rank by Thomas, Proc. Zool. Soc. London, p. 932, 1897.

**FUNISCIURUS ANERYTHRUS ANERYTHRUS** (Thomas)

*Sciurus pyrrhopus anerythrus* Thomas, Proc. Zool. Soc. London, p. 447, pl. 40, Oct. 1890. Buguera, south of Lake Albert.

**FUNISCIURUS ANERYTHRUS BANDARUM** Thomas

*Funisciurus anerythrus bandarum* Thomas, Ann. Mag. Nat. Hist. (8) 16: 146, Aug. 1915. Ba-mingui River, upper Shari, northeastern Congo Belge.

**FUNISCIURUS ANERYTHRUS NIAPU** J. A. Allen

*Funisciurus anerythrus niapu* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 52, 27 Oct. 1922. Niapu, Congo Belge.

**FUNISCIURUS AURICULATUS AURICULATUS** (Matschie)

*Sciurus auriculatus* Matschie, Arch. f. Naturgesch., 75: sect. 1, pt. 3, p. 353, Oct. 1891. Kribi, Cameroons.

**FUNISCIURUS AURICULATUS BEATUS** Thomas

*Funisciurus auriculatus beatus* Thomas, Ann. Mag. Nat. Hist. (8) 5: 196, Feb. 1910. Benito River, 15 miles from the mouth, French Congo.

## FUNISCIURUS AURICULATUS BOYDI Thomas

*Funisciurus auriculatus boydi* Thomas, Ann. Mag. Nat. Hist. (8) 5: 196, Feb. 1910. Mussaka, lower Mongo River, east of Cameroon Mt., Cameroons.

## FUNISCIURUS AURICULATUS OLIVÆ Dollman

*Funisciurus auriculatus olivæ* Dollman, Ann. Mag. Nat. Hist. (8) 8: 733, Dec. 1911. Southern Nigeria, Oban district.

## FUNISCIURUS BAYONII (Bocage)

*Sciurus bayonii* Bocage, Journ. Sci. Math., Phys. e Nat., Lisboa, (2) 2: 3, Sep. 1890. Duque de Bragança, Angola.

## FUNISCIURUS CARRUTHERSI CARRUTHERSI Thomas

*Funisciurus carruthersi* Thomas, Ann. Mag. Nat. Hist. (7) 18: 140, Aug. 1906. Ruwenzori East, 6500 ft., Uganda.

## FUNISCIURUS CARRUTHERSI BIRUNGENSIS Gyldenstolpe

*Funisciurus carruthersi birungensis* Gyldenstolpe, Ark. f. Zool., 19B: no. 6, p. 1, 14 Dec. 1927. Mt. Karissimbi, Birunga Volcanoes, eastern Congo Belge, 3600 m.

## FUNISCIURUS CARRUTHERSI CHRYSIPPUS Thomas

*Funisciurus carruthersi chrysippus* Thomas, Ann. Mag. Nat. Hist. (9) 11: 522, Apl. 1923. Wabembe region, west of north end of Lake Tanganyika, Congo Belge.

## FUNISCIURUS CARRUTHERSI TANGANYIKÆ Thomas

*Funisciurus carruthersi tanganyikæ* Thomas, Ann. Mag. Nat. Hist. (8) 4: 477, Nov. 1909. Usumbura, north end of Lake Tanganyika, Urundi, Congo Belge.

## FUNISCIURUS CONGICUS CONGICUS (Kuhl)

*Sciurus congicus* Kuhl, Beiträge zur Zool., p. 66, 1820. "Congo."

*Sciurus prætextus* Wagner, Schreber's Säugthiere, Suppl., 3: 216, 1843. No locality.

## FUNISCIURUS CONGICUS FLAVINUS Thomas

*Funisciurus congicus flavinus* Thomas, Ann. Mag. Nat. Hist. (7) 13: 411, June 1904. Capangombi, southern plateau of Angola.

## FUNISCIURUS CONGICUS INTERIOR Thomas

*Funisciurus congicus interior* Thomas, Ann. Mag. Nat. Hist. (8) 18: 236, Aug. 1916. Inkongo, or Ikongo, Congo Belge.



FUNISCIURUS CONGICUS *æNONE* Thomas

*Funisciurus congicus ænone* Thomas, Proc. Zool. Soc. London, p. 297, 29 Apl. 1926. Cunene Falls, Cunene River, Southwest Africa.

## FUNISCIURUS CONGICUS OLIVELLUS Thomas

*Funisciurus congicus olivellus* Thomas, Ann. Mag. Nat. Hist. (7) 13: 410, June 1904. Cunga, Angola.

May be a seasonal phase of the typical race (see Thomas, O., Ann. Mag. Nat. Hist. (8) 18: 237, footnote, Aug. 1916).

## FUNISCIURUS ISABELLA (Gray)

*Sciurus isabella* Gray, Proc. Zool. Soc. London, p. 180, pl. 24, Sep. 1862. Cameroon Mts., Cameroons, 7000 ft.

## FUNISCIURUS LEMNISCATUS (Leconte)

*Sciurus lemniscatus* Leconte, Proc. Acad. Nat. Sci. Philadelphia, p. 11, Jan. 1857. "Western Africa" = Gaboon.

*Sciurus sharpei* Gray, Ann. Mag. Nat. Hist. (4) 12: 265, Sep. 1873. Gaboon.

## FUNISCIURUS LEUCOGENYS (Waterhouse)

*Sciurus leucogenys* Waterhouse, Ann. Mag. Nat. Hist. (1) 10: 202, footnote, Nov. 1842. Fernando Po.

*Sciurus erythrogenys* Waterhouse, Proc. Zool. Soc. London, for 1842, p. 129, Jan. 1843. Fernando Po.

See Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 45, 27 Oct. 1922, as to priority of *S. leucogenys* Waterhouse.

## FUNISCIURUS LEUCOSTIGMA LEUCOSTIGMA (Temminck)

*Sciurus leucostigma* Temminck, Esquisses de Zool. sur la Côte de Guinée, p. 133, 1853. Boutry River to borders of Ashanti country, "Guinea" = Gold Coast.

## FUNISCIURUS LEUCOSTIGMA NIVEATUS Thomas

*Funisciurus leucostigma niveatus* Thomas, Ann. Mag. Nat. Hist. (9) 11: 522, Apl. 1923. Béoumi, 12 miles east of Bandama, Ivory Coast.

## FUNISCIURUS LEUCOSTIGMA TALBOTI Thomas

*Funisciurus leucostigma talboti* Thomas, Ann. Mag. Nat. Hist. (8) 4: 478, Nov. 1909. Oban, southern Nigeria.

## FUNISCIURUS MANDINGO MANDINGO Thomas

*Funisciurus mandingo* Thomas, Ann. Mag. Nat. Hist. (7) 11: 79, Jan. 1903. Nianimaru, Gambia. Probably a race of *F. leucostigma*.

## FUNISCIURUS MANDINGO NIGRENSIS Thomas

*Funisciurus mandingo nigrens* Thomas, Ann. Mag. Nat. Hist. (8) 4: 477, Nov. 1909. Abutschi, 150 miles up the Niger, Nigeria.

## FUNISCIURUS MAYUMBICUS Kershaw

*Funisciurus mayumbicus* Kershaw, Revue Zool. Africaine, 11: 363, 27 Dec. 1923. Ganda Sundi, Mayumbe Province, mouth of Congo, Congo Belge.

## FUNISCIURUS MYSTAX MYSTAX De Winton

*Funisciurus mystax* De Winton, Ann. Mag. Nat. Hist. (7) 2: 9, July 1898. Benito River, Rio Muni.

## FUNISCIURUS MYSTAX OCHROGASTER Cabrera and Ruxton

*Funisciurus mystax ochrogaster* Cabrera and Ruxton, Ann. Mag. Nat. Hist. (9) 17: 597, May 1926. St. Joseph de Luluabourg, Congo Belge.

## FUNISCIURUS POOLII (Jentink)

*Sciurus poolii* Jentink, Notes Leyden Mus., 28: 139, July 1906. Stanley Falls, Congo River, Congo Belge.

## FUNISCIURUS PYRRHOPUS PYRRHOPUS (F. Cuvier)

[*Sciurus*] *pyrrhopus* F. Cuvier, Hist. Nat. des Mammifères, 4: pt. 66, pl. 240 and text, Feb. 1833. "Fernando Po," but doubtless the adjacent mainland, for it is not like the race *leucogenys* of that island, but since the type "had been kept alive as a pet, it may easily have been taken to the island by natives" (see Thomas, O., Proc. Zool. Soc. London, p. 447, footnote, Oct. 1890).

## FUNISCIURUS PYRRHOPUS AKKA De Winton

*Sciurus emini* De Winton, Ann. Mag. Nat. Hist. (6) 16: 197, Aug. 1895. Tingasi, Monbuttu, Congo Belge. Not *Sciurus emini* Stuhlmann 1894, = *Tamiscus emini* (Stuhlmann).

*Funisciurus akka* De Winton, Ann. Mag. Nat. Hist. (7) 4: 357, Nov. 1899. Tingasi, Monbuttu, Congo Belge. New name for *Sciurus emini* De Winton, 1895, not of Stuhlmann, 1894, which is *Tamiscus emini* (Stuhlmann).

*Funisciurus wintoni* Neumann, Zool. Jahrb., Syst., 13: 547, 10 Oct. 1900. New name for *Sciurus emini* De Winton, 1895, not of Stuhlmann, 1894.

## FUNISCIURUS PYRRHOPUS LEONIS Thomas

*Funisciurus pyrrhopus leonis* Thomas, Ann. Mag. Nat. Hist. (7) 15: 79, Jan. 1905. Bo, Sierra Leone.

## FUNISCIURUS PYRRHOPUS PEMBERTONI Thomas

*Funisciurus pembedtoni* Thomas, Ann. Mag. Nat. Hist. (7) 14: 201, Sep. 1904. Dondo, Cuanza River, Angola.

## FUNISCIURUS PYRRHOPUS RUBRIPES (Du Chaillu)

*Sciurus rubripes* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 366, Nov. 1860.

Gaboon, "in the country watered by the rivers Nazareth, Ogobai, Fernand-Vaz, Rembo, and Ovenga . . . two degrees south of the equator."

*Macroxus pyrrhopus*, var. *erythropus* Gray, Ann. Mag. Nat. Hist. (3) 20: 330, Nov. 1867. Gaboon.

## FUNISCIURUS RAPTORUM Thomas

*Funisciurus raptorum* Thomas, Ann. Mag. Nat. Hist. (7) 11: 80, Jan. 1903.

Forçados, lower Nigeria.

## FUNISCIURUS SUBSTRIATUS De Winton

*Funisciurus substriatus* De Winton, Ann. Mag. Nat. Hist. (7) 4: 357, Nov. 1899.

Kintampo, Gold Coast hinterland.

## GEOSCIURUS A. Smith

*Geosciurus* A. Smith, South African Quart. Journ., 2: 128, Jan.-Mar. 1834.

Genotype *Xerus capensis* A. Smith (see Thomas, Proc. Zool. Soc. London, p. 933, 1897).

## GEOSCIURUS INAURIS INAURIS (Zimmermann)

*Sciurus inauris* Zimmermann, Geogr. Geschichte, 2: 344, 1780. Kaffirland, 100 miles north of Cape of Good Hope (based on Pennant).

*Sciurus capensis* Kerr, Linnæus's Animal Kingdom, p. 266, 1792. Karoo north of Sneeuwberg, near Graaff Reinet. "Near the mountain of Sneeberg, eight hundred miles north from the Cape of Good Hope."

*Sciurus ginginianus* Shaw, Gen. Zool., 2: pt. 1, p. 147, 1801. Gingi, East Indies, = South Africa.

*Sciurus dschinschicus* Gmelin, in Linné's Syst. Nat., ed. 13, 1: pt. 1, p. 151, 1788. "In provincia Indiæ Dschinschi"; but probably South Africa.

*Myoxus africanus* Shaw, Gen. Zool., 2: pt. 1, p. 172, 1801. In mountains of Sneeburgh, 800 miles above Cape of Good Hope; (based on Pennant).

*Sciurus levaillantii* Kuhl, Beiträge zur Zool., p. 67, 1820. "In Africa meridionali."

*Sciurus setosus* Smuts, Enumeratio Mamm. Capensium, p. 33, 1832 (in part). Southern part of Cape of Good Hope.

## GEOSCIURUS INAURIS NAMAQUENSIS (Lichtenstein)

*Sciurus namaquensis* Lichtenstein, Cat. Rer. Nat., p. 2, 1793. Great Namaqualand, west of Fish River, Cape of Good Hope.

*Geosciurus capensis namaquensis* Thomas and Hinton, Proc. Zool. Soc. London, p. 489, 3 Sep. 1923 (valid race).

## GEOSCIURUS INAURIS PRINCEPS Thomas

*Geosciurus princeps* Thomas, Proc. Zool. Soc. London, p. 106, 30 Apl. 1929.  
Otjitundua, central Kaokoveld, Southwest Africa.

## HELIOSCIURUS Trouessart

*Heliosciurus* Trouessart, Le Naturaliste, 2: no. 37, p. 292, 1 Oct. 1880. Subgenus of *Sciurus*, type *Sciurus annulatus* Desmarest (see Thomas, Proc. Zool. Soc. London, p. 933, 1897).

Review: Ingoldby, C. M. Proc. Zool. Soc. London, p. 471-487, pl. 1-4 (col.), 12 July 1927.

Thomas, O. The West African forms of *Heliosciurus rufobrachium*. Ann. Mag. Nat. Hist. (9) 11: 523-526, Apl. 1923.

## HELIOSCIURUS BONGENSIS BONGENSIS (Heuglin)

*Sciurus bongensis* Heuglin, Reise in Nordost-Afrika, 2: 59, 1877. Bahr-el-Ghazal, Anglo-Egyptian Sudan.

## HELIOSCIURUS BONGENSIS CANASTER Thomas and Hinton

*Heliosciurus bongensis canaster* Thomas and Hinton, Proc. Zool. Soc. London, p. 256, 6 July 1923. Foothills of Jebel Marra, Darfur.

## HELIOSCIURUS GAMBIANUS GAMBIANUS (Ogilby)

*Sciurus annulatus* Desmarest, Encyclop. Méthodique, Mammalogie, 2: 338, 1822. No locality.

If identifiable, this name may replace *gambianus*.

*Sciurus gambianus* Ogilby, Proc. Zool. Soc. London, p. 103, 9 Oct. 1835. Gambia, probably near Ft. St. Mary.

*Sc[iurus] simplex* Lesson, Compléments de Buffon, ed. 2, Paris, 1: 467, 1838. Senegal. Probably a synonym of *H. gambianus*.

*Sciurus annularis* Schinz, Syst. Verzeichn. Säugethiere, 2: 14, 1845. No locality; perhaps not African.

*Macroxus annulatus*, var. *albina* Gray, Ann. Mag. Nat. Hist. (3) 20: 329, Nov. 1867, nomen nudum. West Africa.

## HELIOSCIURUS GAMBIANUS LIMBATUS Schwarz

*Heliosciurus gambianus limbatus* Schwarz, Jahrb. d. Nassauischen Ver. f. Naturk., Wiesbaden, 68: 65, 1915. Bosum, Cameroons.

## HELIOSCIURUS GAMBIANUS SENESCENS Thomas

*Heliosciurus gambianus senescens* Thomas, Ann. Mag. Nat. Hist. (8) 4: 544, Dec. 1909. Thiès, Senegal.

**HELIOSCIURUS MULTICOLOR MULTICOLOR** (Rüppell)

*Sciurus multicolor* Rüppell, Neue Wirbelthiere z. d. Fauna Abyssinien gehörig, Säugeth., p. 38, pl. 13 (col.), 1835. Valleys of Kulla and east slope of the coast range, Abyssinia.

**HELIOSCIURUS MULTICOLOR ABASSENSIS** (Neumann)

*Sciurus abassensis* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 57, 1902. Forests on south shore of Lake Abassi, Ethiopia.

**HELIOSCIURUS MULTICOLOR CÆNOSUS** Thomas

*Heliosciurus multicolor cænosus* Thomas, Ann. Mag. Nat. Hist. (8) 4: 104, Aug. 1909. Ubangi River, central Africa, 19° 30' east.

**HELIOSCIURUS MULTICOLOR DYSONI** St. Leger

*Heliosciurus multicolor dysoni* St. Leger, Ann. Mag. Nat. Hist. (10) 19: 527, May 1937. Lodwar, about forty miles above mouth of Turkwel River, Lake Rudolf region, Uganda.

**HELIOSCIURUS MULTICOLOR ELEGANS** Thomas

*Heliosciurus multicolor elegans* Thomas, Ann. Mag. Nat. Hist. (8) 4: 103, Aug. 1909. Mt. Elgon, Kenya Colony.

**HELIOSCIURUS MULTICOLOR KAFFENSIS** (Neumann)

*Sciurus kaffensis* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 57, 1902. Anderatscha, Kaffa, (Abyssinia) Ethiopia.

**HELIOSCIURUS MULTICOLOR LATERIS** Thomas

*Heliosciurus multicolor lateris* Thomas, Ann. Mag. Nat. Hist. (8) 4: 102, Aug. 1909. Lado.

**HELIOSCIURUS MULTICOLOR MADOGÆ** Heller

*Heliosciurus multicolor madogæ* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 1, 28 Feb. 1911. Uma, 50 miles north of Nimule, Uganda.

**HELIOSCIURUS MULTICOLOR OMENSIS** Thomas

*Heliosciurus multicolor omensis* Thomas, Ann. Mag. Nat. Hist. (8) 4: 104, Aug. 1909. Kum Dingani, east of north end of Lake Rudolf, Lower Omo, Abyssinia.

**HELIOSCIURUS MUTABILIS MUTABILIS** (Peters)

*Sciurus mutabilis* Peters, Reise nach Mossambique, Säugeth., p. 131, pl. 30; pl. 32, f. 2, 1852; Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 273, 1852. Boror, Mozambique, 17° S.

**HELIOSCIURUS MUTABILIS BEIRÆ** Roberts

*Heliosciurus mutabilis beiræ* Roberts, Ann. Transvaal Mus., 4: 78, 20 Oct. 1913.  
Zimbiti, Beira, Mozambique.

**HELIOSCIURUS MUTABILIS SHIRENSIS** (Gray)

*Macroxus shirensis* Gray, Ann. Mag. Nat. Hist. (3) 20: 327, Nov. 1867. Shiré  
River, Rhodesia.

**HELIOSCIURUS MUTABILIS CHIRINDENSIS** Roberts

*Heliosciurus mutabilis chirindensis* Roberts, Ann. Transvaal Mus., 4: 78, 20  
Oct. 1913. Chirinda Forest, eastern Rhodesia.

**HELIOSCIURUS MUTABILIS VUMBÆ** Roberts

*Heliosciurus mutabilis vumbæ* Roberts, Ann. Transvaal Mus., 19: 100, 8 Nov.  
1937. Vumba, Southern Rhodesia.

**HELIOSCIURUS PUNCTATUS PUNCTATUS** (Temminck)

*Sciurus punctatus* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 138,  
1853. Guinea coast; no exact locality.

**HELIOSCIURUS PUNCTATUS SAVANNIUS** Thomas

*Heliosciurus punctatus savannius* Thomas, Ann. Mag. Nat. Hist. (9) 11: 521,  
Apl. 1923. Béoumi, Ivory Coast.

**HELIOSCIURUS RHODESIÆ RHODESIÆ** (Wroughton)

*Funisciurus annulatus rhodesiæ* Wroughton, Mem. and Proc. Manchester Lit.  
and Phil. Soc., 51: no. 5, p. 15, 13 Mar. 1907. Road to Chewalla's, high  
plateau west of Mchinga escarpment, Rhodesia.

**HELIOSCIURUS RHODESIÆ LOANDICUS** Thomas

*Heliosciurus rhodesiæ loandicus* Thomas, Ann. Mag. Nat. Hist. (9) 11: 521,  
Apl. 1923. N'Dalla Tando, northern Angola.

**HELIOSCIURUS RUFOBRACHIUM RUFOBRACHIUM** (Waterhouse)

*Sciurus* *rufo-brachium* Waterhouse, Ann. Mag. Nat. Hist. (1) 10: 202, foot-  
note, Nov. 1842. Island of Fernando Po.

*Sciurus rufo-brachiatus* Waterhouse, Proc. Zool. Soc. London, for 1842, p. 128,  
1843. Island of Fernando Po.

See Thomas, O., Ann. Mag. Nat. Hist. (9) 11: 518, footnote, Apl. 1923;  
Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 45, footnote, 27 Oct. 1922.

**HELIOSCIURUS RUFOBRACHIUM ACTICOLA** Thomas

*Heliosciurus rufobrachium acticola* Thomas, Ann. Mag. Nat. Hist. (9) 11: 525,  
Apl. 1923. Santa Isabel, Fernando Po.



**HELIOSCIURUS RUFOBRACTHIUM ARRHENII** Lönnberg

*Heliosciurus rufobrachiatus arrhenii* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 68, 1 Sep. 1917. Masisi, near Kivu Congo Belge.

**HELIOSCIURUS RUFOBRACTHIUM AUBRYI** (Milne-Edwards)

*Sciurus aubryi* A. Milne-Edwards, Revue de Zool. Pure et Appliquée, (2) 19: 228, July 1867. Gaboon.

**HELIOSCIURUS RUFOBRACTHIUM BENGAE** Cabrera

*Heliosciurus rufobrachiatus bengae* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 17: 517, Nov. 1917. Cape San Juan, Spanish Guinea.

**HELIOSCIURUS RUFOBRACTHIUM BRAUNI** St. Leger

*Heliosciurus rufobrachiatus brauni* St. Leger, Novitates Zool., 39: 252, 30 Aug. 1935. Fazenda Congulu, Amboin district, Angola, 800 m.

**HELIOSCIURUS RUFOBRACTHIUM CAURINUS** Thomas

*Heliosciurus rufobrachiatus caurinus* Thomas, Ann. Mag. Nat. Hist. (9) 11: 523, Apl. 1923. Gunnedy, Portuguese Guinea.

**HELIOSCIURUS RUFOBRACTHIUM EMISSUS** Thomas

*Heliosciurus rufobrachiatus emissus* Thomas, Ann. Mag. Nat. Hist. (9) 11: 520, Apl. 1923. Kumbo, southeastern Nigeria, about 6° 50' north, 10° 50' east.

**HELIOSCIURUS RUFOBRACTHIUM HARDYI** Thomas

*Heliosciurus rufobrachiatus hardyi* Thomas, Ann. Mag. Nat. Hist. (9) 11: 519, Apl. 1923. Béoumi, 250 miles north of Grand Bassam, Ivory Coast.

**HELIOSCIURUS RUFOBRACTHIUM ISABELLINUS** (Gray)

*Macrozus isabellinus* Gray, Ann. Mag. Nat. Hist. (3) 20: 329, Nov. 1867. "West Africa," probably lower Niger.

**HELIOSCIURUS RUFOBRACTHIUM KENIÆ** (Neumann)

*Sciurus kenia* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 176, 1902. West slope of Mt. Kenya, Kenya Colony, 8000 ft.

**HELIOSCIURUS RUFOBRACTHIUM LEONENSIS** Thomas

*Heliosciurus rufobrachiatus leonensis* Thomas, Ann. Mag. Nat. Hist. (9) 11: 523, Apl. 1923. Mano, Sierra Leone.

**HELIOSCIURUS RUFOBRACTHIUM LUALABÆ** Thomas

*Heliosciurus rufobrachiatus lualabæ* Thomas, Ann. Mag. Nat. Hist. (9) 11: 520, Apl. 1923. Lodja, upper Lukenye, southern Congo Belge.

**HELIOSCIURUS RUFOBRACTHIUM MACULATUS** (Temminck)

*Sciurus maculatus* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 130, 1853. Guinea Coast.

*Macrozous rufobrachiatus*, var. *waterhousii* Gray, Ann. Mag. Nat. Hist. (3) 20: 328, Nov. 1867. Ashanti.

*Sciurus (Heliosciurus) rufobrachiatus libericus* Miller, Proc. Washington Acad. Sci., 2: 633, text-f. 39a, 28 Dec. 1900. Mount Coffee, Liberia.

*Sciurus aschantiensis* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 175, 1902. Ashanti. Synonym of *H. rufobrachium maculatus* (Temminck) according to Thomas (1923).

**HELIOSCIURUS RUFOBRACTHIUM MEDJIANUS** J. A. Allen

*Heliosciurus rufobrachium medjanius* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 48, 27 Oct. 1922. Medje, Congo Belge.

**HELIOSCIURUS RUFOBRACTHIUM NYANSÆ** (Neumann)

*Sciurus nyansæ* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 56, 1902. Kwa Kitoto, Kavirondo, Uganda.

**HELIOSCIURUS RUFOBRACTHIUM OBFUSCATUS** Thomas

*Heliosciurus rufobrachium obfuscatus* Thomas, Ann. Mag. Nat. Hist. (9) 11: 526, Apl. 1923. Ekkonnanakku, Oban district, southeastern Nigeria.

**HELIOSCIURUS RUFOBRACTHIUM PASHA** (Schwann)

*Sciurus rufobrachiatus pasha* Schwann, Ann. Mag. Nat. Hist. (7) 13: 72, Jan. 1904. Bellima, Monbuttu (=Niagara), Congo Belge.

**HELIOSCIURUS RUFOBRACTHIUM RUBRICATUS** J. A. Allen

*Heliosciurus rufobrachium rubricatus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 50, 27 Oct. 1922. Near Lubila River, 50 miles southwest of Avakubi, Congo Belge.

**HELIOSCIURUS RUFOBRACTHIUM SEMLIKII** (Thomas)

*Sciurus rufobrachiatus semlikii* Thomas, Ann. Mag. Nat. Hist. (7) 19: 120, Jan. 1907. Beni, Semliki River, Congo Belge.

**HELIOSCIURUS UNDULATUS UNDULATUS** (True)

*Sciurus undulatus* True, Proc. U. S. Nat. Mus., 15: 465, text-f. 3, 26 Oct. 1892. Mt. Kilimanjaro and Kahé, south of it, Tanganyika Territory.

*Heliosciurus undulatus marwitzi* F. Müller, Zool. Anzeiger, 37: 82, 76, text-f. 1, 4, 31 Jan. 1911. Mt. Kilimanjaro, Tanganyika Territory.

**HELIOSCIURUS UNDULATUS DAUCINUS** Thomas

*Heliosciurus undulatus daucus* Thomas, Ann. Mag. Nat. Hist. (8) 4: 101, Aug. 1909. Mombasa, Kenya Colony.

**HELIOSCIURUS UNDULATUS DOLOSUS** Thomas

*Heliosciurus undulatus dolosus* Thomas, Ann. Mag. Nat. Hist. (8) 4: 100, Aug. 1909. Mafia Id., off Tanganyika Territory.

**HELIOSCIURUS UNDULATUS SHINDI** Heller

*Heliosciurus rufobrachiatatus shindi* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 7, 24 June 1914. Summit of Mt. Umengo, Taita Hills, Kenya Colony, 6000 ft.

**MYRSILUS** Thomas

*Myrsilus* Thomas, Ann. Mag. Nat. Hist. (8) 3: 470, June 1909. Genotype *Macrozus aubinnii* Gray.

**MYRSILUS AUBINNII AUBINNII** (Gray)

*Macrozus aubinnii* Gray, Ann. Mag. Nat. Hist. (4) 12: 65, July 1873. Fanti.

**MYRSILUS AUBINNII SALÆ** (Jentink)

*Sciurus salæ* Jentink, Notes Leyden Mus., 3: 63, Apl. 1881. Bavia and Soforé-Place, St. Paul's River, Liberia.

**MYOSCIURUS** Thomas. Pygmy Squirrels

*Myosciurus* Thomas, Ann. Mag. Nat. Hist. (8) 3: 474, June 1909. Genotype *Sciurus minutus* Du Chaillu = *Sciurus pumilio* Leconte.

**MYOSCIURUS PUMILIO** (Leconte)

*Sciurus pumilio* Leconte, Proc. Acad. Nat. Sci. Philadelphia, p. 11, Jan. 1857. "Western Africa" = Gaboon.

*Sciurus minutus* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 366, Nov. 1860 (not of Lartet, 1851, see Hollister, Proc. Biol. Soc. Washington, 34: 135, 30 June 1921). Headwaters of the Ovenga River, Gaboon.

*Myosciurus minutulus* Hollister, Proc. Biol. Soc. Washington, 34: 135, 30 June 1921. Substitute for *M. minutus* (Du Chaillu).

**PARAXERUS** Forsyth Major. Bush Squirrels

*Paraxerus* Forsyth Major, Proc. Zool. Soc. London, p. 189, pl. 8, f. 22; pl. 9, f. 23, 1 June 1893. A subgenus of *Xerus*, type *Xerus cepapi* (A. Smith).

**PARAXERUS CEPAPI CEPAPI** (A. Smith)

*Sciurus cepapi* A. Smith, Report Exped. for Exploring Central Africa, from Cape of Good Hope, June 23, 1834, p. 43, 1836. "Banks of the Marikwa," i.e., Marico River, Rustenburg district, Transvaal.

*Sciurus cepate* Gray, List Spec. Mamm. Brit. Mus., p. 140, 13 May 1843.

## PARAXERUS CEPAPI AURIVENTRIS Roberts

*Paraxerus cepapi auriventris* Roberts, Ann. Transvaal Mus., 11: 250, 14 Sep. 1926. Magudi, Mozambique.

## PARAXERUS CEPAPI CHOBIENSIS Roberts

*Paraxerus cepapi chobiensis* Roberts, Ann. Transvaal Mus., 15: 9, 1 Oct. 1932. Kabulabula, Chobe River, Bechuanaland.

## PARAXERUS CEPAPI KALAHARICUS Roberts

*Paraxerus cepapi kalaharicus* Roberts, Ann. Transvaal Mus., 15: 10, 1 Oct. 1932. Mabeleapudi, Bechuanaland.

## PARAXERUS CEPAPI MAUNENSIS Roberts

*Paraxerus cepapi maunensis* Roberts, Ann. Transvaal Mus., 15: 9, 1 Oct. 1932. Maun, Ngamiland, Bechuanaland.

## PARAXERUS CEPAPI PHALÆNA Thomas

*Paraxerus cepapi phalæna* Thomas, Proc. Zool. Soc. London, p. 296, 29 Apl. 1926. Forest between Ukuambi and Ondongwa, Ovamboland, Southwest Africa.

## PARAXERUS CEPAPI QUOTUS Wroughton

*Paraxerus cepapi quotus* Wroughton, Ann. Mag. Nat. Hist. (8) 3: 516, June 1909. Katanga district, Congo Belge. (Key.)

## PARAXERUS CEPAPI SINDI Thomas and Wroughton

*Paraxerus cepapi sindi* Thomas and Wroughton, Proc. Zool. Soc. London, p. 543, 30 Oct. 1908. Tette, Zambesia, Mozambique.

## PARAXERUS CEPAPI SOCCATUS Wroughton

*Paraxerus cepapi soccatus* Wroughton, Ann. Mag. Nat. Hist. (8) 3: 515, June 1909. Vwaza, Hewe River, northern Angoniland, Mozambique.

## PARAXERUS FLAVIVITTIS FLAVIVITTIS (Peters)

*Sciurus flavivittis* Peters, Reise nach Mossambique, Säugeth., p. 129, pl. 29; 32, f. 1, 1852. Mossimbôa, 11° S., Mozambique (designated as type locality by Thomas, Ann. Mag. Nat. Hist. (9) 4: 32, July 1919).

## PARAXERUS FLAVIVITTIS EXGEANUS Hinton

*Paraxerus flavivittis exgeanus* Hinton, Ann. Mag. Nat. Hist. (9) 5: 311, Mar. 1920. Kilwa Kisiwani, Tanganyika Territory.

## PARAXERUS FLAVIVITTIS IBEANUS Hinton

*Paraxerus flavivittis ibeanus* Hinton, Ann. Mag. Nat. Hist. (9) 5: 312, Mar. 1920. Mombasa, Kenya Colony.

## PARAXERUS FLAVIVITTIS MOSSAMBICUS Thomas

*Paraxerus flavivittis mossambicus* Thomas, Ann. Mag. Nat. Hist. (9) 4: 31, July 1919. Lumbo, Mozambique.

On seasonal variation in color see Hinton, M. A. C., Ann. Mag. Nat. Hist. (9) 5: 308-310, Mar. 1920.

## PARAXERUS OCHRACEUS OCHRACEUS (Huet)

*Sciurus ochraceus* Huet, Nouv. Arch. Mus. d'Hist. Nat. Paris, (2) 3: 154, pl. 7, f. 2, 1880. Bagamoyo, Tanganyika Territory.

## PARAXERUS OCHRACEUS AFFINIS (Trouessart)

*Xerus (Paraxerus) poensis* sp. *affinis* Trouessart, Cat. Mamm. Viv. Foss., pt. 3, p. 406, 1897. Based on *Sciurus* sp. Rhoads (Proc. Acad. Nat. Sci. Philadelphia, p. 521, 1896), an immature *Paraxerus* from Marsabit, Kenya Colony. It is not clear here whether Trouessart intended to name this form or to indicate its relationship to *Xerus poensis*, but probably the former, as the next reference shows.

*Funisciurus poensis affinis* Trouessart (ex Rhoads), Cat. Mamm. Viv. Foss., Suppl., pt. 2, p. 304, 1904. Marsabit, Kenya Colony. This name evidently supersedes *percivali* and *angustus* for a race of *Paraxerus* from the same locality.

*Paraxerus percivali* Dollman, Ann. Mag. Nat. Hist. (8) 8: 653, Nov. 1911. Marsabit, Kenya Colony.

*Paraxerus ochraceus angustus* Dollman, Ann. Mag. Nat. Hist. (8) 8: 654, Nov. 1911. Marsabit, Kenya Colony. A synonym of *Paraxerus percivali* as shown by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 20, 1919).

## PARAXERUS OCHRACEUS ANIMOSUS Dollman

*Paraxerus ochraceus animosus* Dollman, Ann. Mag. Nat. Hist. (8) 8: 655, Nov. 1911. Mt. Nyiro, Kenya Colony.

## PARAXERUS OCHRACEUS ARUSCENSIS (Pagenstecher)

*Sciurus cepapi* var. *aruscensis* Pagenstecher, Jahrb. Hamburg. Wiss. Anstalt., 2: 42, 1885. Pangani River near the coast and Great Aruscha, Meru Mts., Tanganyika Territory.

## PARAXERUS OCHRACEUS ELECTUS Thomas

*Paraxerus ochraceus electus* Thomas, Ann. Mag. Nat. Hist. (8) 4: 106, Aug. 1909. Elgeyo, Kenya Colony.

## PARAXERUS OCHRACEUS GANANA (Rhoads)

*Sciurus ganana* Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 522, 8 Dec. 1896. Ganana River at Bar Madu, Abyssinia.

## PARAXERUS OCHRACEUS JACKSONI (De Winton)

*Sciurus jacksoni* De Winton, Ann. Mag. Nat. Hist. (6) 19: 574, May 1897.  
Kikuyu, Kenya Colony.

*Paraxerus capitis* Thomas, Ann. Mag. Nat. Hist. (8) 4: 105, Aug. 1909.  
Nairobi forest, Kenya Colony.

## PARAXERUS OCHRACEUS KAHARI Heller

*Paraxerus kahari* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 2, 28 Feb. 1911.  
Meru Boma, northeast of Mt. Kenya, Kenya Colony.

## PARAXERUS OCHRACEUS SALUTANS Thomas

*Paraxerus ochraceus salutans* Thomas, Ann. Mag. Nat. Hist. (8) 4: 106, Aug. 1909. Dar-es-Salaam, Tanganyika Territory.

## PARAXERUS PALLIATUS PALLIATUS (Peters)

*Sciurus palliatus* Peters, Monatsber. K. Preuss. Akad. Wiss., Berlin, p. 273, May 1852; Reise nach Mossambique, Zool., 1: Säugethiere, p. 134, pl. 31, f. 1; pl. 32, f. 3, 1852. Mainland near Mossambique Island, 15° S., and Mossimbôa, 11° S., Portuguese East Africa.

## PARAXERUS PALLIATUS BARAWENSIS (Neumann)

*Sciurus palliatus barawensis* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 178, 1902. Barawa, coast of southern Somaliland.

## PARAXERUS PALLIATUS FREREI (Gray). Zanzibar Bush Squirrel

*Macroxus annulatus*, var. *frerei* Gray, Ann. Mag. Nat. Hist. (4) 12: 265, Sep. 1873. Zanzibar.

*Funisciurus palliatus lastii* Thomas, Ann. Mag. Nat. Hist. (7) 18: 297, Oct. 1906. Zanzibar Island.

*Sciurus palliatus suahelicus* Neumann, Sitzb. Ges. Naturf. Freunde, p. 178, 1902. Tanganyika Territory, opposite Zanzibar and Kenya Colony to Mombasa; no type locality assigned.

According to Thomas and Wroughton (Proc. Zool. Soc. London, p. 293-294, 1 Aug. 1907) this becomes a synonym of *P. p. frerei* (Gray).

## PARAXERUS PALLIATUS ORNATUS (Gray)

*Sciurus ornatus* Gray, Proc. Zool. Soc. London, p. 13, pl. 1, July 1864. Natal.

## PARAXERUS PALLIATUS SWYNNERTONI (Wroughton)

*Funisciurus palliatus swynnertoni* Wroughton, Ann. Mag. Nat. Hist. (8) 1: 305, Apl. 1908. Chirinda Forest, northeastern Transvaal.

## PARAXERUS PALLIATUS TANÆ (Neumann)

*Sciurus palliatus tanæ* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 178, 1902. Middle Tana River, Kenya Colony.



## PARAXERUS PAULI (Matschie)

*Sciurus pauli* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 256, 1894.  
Derema, Tanga district, Tanganyika Territory.

## PARAXERUS SPONSUS SPONSUS (Thomas and Wroughton)

*Funisciurus sponsus* Thomas and Wroughton, Proc. Zool. Soc. London, p. 292,  
1 Aug. 1907. Coguno, Inhambane, Mozambique.

## PARAXERUS SPONSUS BRIDGEMANI Dollman

*Paraxerus bridgemani* Dollman, Ann. Mag. Nat. Hist. (8) 14: 152, Aug. 1914.  
Indook, Panda, Mozambique.

## PARAXERUS SPONSUS TONGENSIS Roberts

*Paraxerus sponsus tongensis* Roberts, Ann. Transvaal Mus., 14: 229, 28 July  
1931. Mangusi Forest, northern Zululand, Natal.

## PARAXERUS YULEI (Thomas)

*Funisciurus yulei* Thomas, Proc. Zool. Soc. London, 1: 120, 1 June 1902.  
Muezo, near Lake Mweru, Nyasaland.

## PROTOXERUS Forsyth Major. Giant Squirrels

*Protoxerus* Forsyth Major, Proc. Zool. Soc. London, p. 189, pl. 8, f. 7; pl. 9, f.  
7, 1 June 1893. Subgenus of *Xerus*, type *Sciurus stangeri* Waterhouse (see  
Thomas, Proc. Zool. Soc. London, for 1897, p. 933, 1 Apl. 1898).

## PROTOXERUS STANGERI STANGERI (Waterhouse)

*Sciurus stangeri* Waterhouse, Proc. Zool. Soc. London, for 1842, p. 127, Jan.  
1843. Fernando Po.

*Sciurus nordhoffi* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 363, Nov. 1860.  
Gaboon; "near the Ashira prairies," 150 miles from the coast, 1° S.

*Sciurus subalbidus* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 365, Nov. 1860.  
Island of Fernando Po.

## PROTOXERUS STANGERI BEA Heller

*Protoxerus stangeri bea* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 2, 5 July  
1912. Lukosa River, Kakamega Forest, Kenya Colony.

## PROTOXERUS STANGERI CENTRICOLA (Thomas)

*Sciurus stangeri centricola* Thomas, Ann. Mag. Nat. Hist. (7) 18: 295, 297, Oct.  
1906. Entebbe, Uganda.

## PROTOXERUS STANGERI DISSONUS Thomas

*Protoxerus stangeri dissonus* Thomas, Ann. Mag. Nat. Hist. (9) 11: 527, Apl.  
1923. Bitye, Ja River, Cameroons.

## PROTOXERUS STANGERI EBORIVORUS (Du Chaillu)

*Sciurus eborivorus* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 363, Nov. 1860.

Gaboon, mountains near source of Ovenga River, about 140 miles from coast, 1° S.

*Sciurus calliurus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 707, 1874.

Mungo, Cameroons.

## PROTOXERUS STANGERI LOANDÆ (Thomas)

*Sciurus stangeri loandæ* Thomas, Ann. Mag. Nat. Hist. (7) 18: 295, Oct. 1906.

Canhoca, northern Angola.

## PROTOXERUS STANGERI MERENS Thomas

*Protoxerus stangeri merens* Thomas, Ann. Mag. Nat. Hist. (9) 11: 527, Apl.

1923. Lobi, near Angu, middle Uele River, Congo Belge, about 24° east.

## PROTOXERUS STANGERI NIGERIÆ (Thomas)

*Sciurus stangeri nigeriæ* Thomas, Ann. Mag. Nat. Hist. (7) 18: 295, 296, Oct.

1906. Abutschi, lower Niger, Nigeria.

## PROTOXERUS STANGERI NOTABILIS Thomas

*Protoxerus stangeri notabilis* Thomas, Ann. Mag. Nat. Hist. (9) 11: 528, Apl.

1923. Avakubi, Ituri region, Congo Belge.

## PROTOXERUS STANGERI PERSONATUS Kershaw

*Protoxerus stangeri personatus* Kershaw, Revue Zool. Africaine, 11: 364, 27 Dec.

1923. Makaia N'tete, lower Mayumbe, near mouth of Congo, north bank, Congo Belge.

## PROTOXERUS STANGERI SIGNATUS Thomas

*Protoxerus stangeri signatus* Thomas, Ann. Mag. Nat. Hist. (8) 5: 85, Jan. 1910.

Lodja, upper Lukenye River, southern Congo Belge.

## PROTOXERUS STANGERI TEMMINCKII (Anderson)

*Sciurus caniceps* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 127, 1853.

Near borders of Fanti country. Not *Sciurus caniceps* Gray.

*Sciurus temminckii* Anderson, Zool. Researches Two Exped. Western Yunnan, p. 229, footnote, 1879. New name for *S. caniceps* Temminck, not Gray.

## PROTOXERUS STANGERI TORRENTIUM Thomas

*Protoxerus stangeri torrentium* Thomas, Ann. Mag. Nat. Hist. (9) 11: 529, Apl.

1923. East of Stanley Falls, eastern Congo Belge.

## TAMISCUS Thomas. African Striped Squirrels

*Tamiscus* Thomas, Ann. Mag. Nat. Hist. (9) 1: 33, Jan. 1918. Genotype  
*Sciurus emini* Stuhlmann.

Thomas, O. On the striped squirrels hitherto referred to the genus *Paraxerus*.  
Ann. Mag. Nat. Hist. (9) 1: 33-38, Jan. 1918.

## TAMISCUS ALEXANDRI (Thomas and Wroughton)

*Funisciurus alexandri* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19:  
376, May 1907. Gudima, River Iri, upper Uele, Congo Belge.

Range: Uele and Ituri Rivers, eastward into Uganda.

## TAMISCUS ANTONIÆ (Thomas and Wroughton)

*Funisciurus antoniæ* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19:  
377, May 1907; Trans. Zool. Soc. London, 19: 498, pl. 23, upper f. (col.),  
Mar. 1910. Ponthierville, above Stanley Falls, Congo Belge.

## TAMISCUS BOEHMI (Reichenow)

*Sciurus boehmi* Reichenow, Zool. Anzeiger, 9: 315, 17 May 1886. Marungu,  
Tanganyika Territory.

## TAMISCUS EMINI EMINI (Stuhlmann)

*Sciurus emini* Stuhlmann, Mit Emin Pascha ins Herz von Afrika, p. 320, 1894.  
Atyangara, Semliki River, Uganda.

*Sciurus emini ugandæ* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 180,  
1902. Kampala and Entebbe, Uganda.

Syn. of *T. emini*, see Thomas, Trans. Zool. Soc. London, 19: 498, Mar. 1910;  
Dollman, Revue Zool. Africaine, 4: 79, 25 July 1914.

## TAMISCUS EMINI GAZELLÆ Thomas

*Tamiscus emini gazellæ* Thomas, Ann. Mag. Nat. Hist. (9) 1: 34, Jan. 1918.  
Meridi, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

## TAMISCUS VULCANORUM VULCANORUM Thomas

*Tamiscus vulcanorum vulcanorum* Thomas, Ann. Mag. Nat. Hist. (9) 1: 35,  
Jan. 1918. Buhamba, near Lake Kivu, Congo Belge.

## TAMISCUS VULCANORUM LUNARIS Thomas

*Tamiscus vulcanorum lunaris* Thomas, Ann. Mag. Nat. Hist. (9) 1: 36, Jan.  
1918. Mubuku Valley, Ruwenzori East, Uganda, 6500 ft.

## TAMISCUS VULCANORUM TANGANYIKÆ Thomas

*Tamiscus vulcanorum tanganyikæ* Thomas, Ann. Mag. Nat. Hist. (9) 1: 36, Jan.  
1918. Burton Gulf, 10 miles west of Baraka, Lake Tanganyika, Congo  
Belge.

### XERUS Hemprich and Ehrenberg. Ground Squirrels

- Xerus* Hemprich and Ehrenberg, *Symbolæ Physicæ*, Mamm., dec. 1, fol. ee, pl. 9, Aug. 1832. Subgenus of *Sciurus*, type *Sciurus (Xerus) brachyotus* Hemprich and Ehrenberg = *Sciurus rutilus* Cretzschmar.  
*Spermosciurus* Lesson, *Nouv. Tabl. du Règne Anim.*, Mamm., p. 110, 1842. Subgenus of *Sciurus*, type *Sciurus rutilus* Cretzschmar.

#### XERUS RUTILUS RUTILUS (Cretzschmar)

- Sciurus abessinicus* Gmelin, *Linné's Syst. Nat.*, ed. 13, 1: pt. 1, p. 149, 1788. Abyssinia. Based on the "ecureuil de l' Abyssinie" of Thevenot, *Voyage*, 5: 34, 1665. Identity uncertain.  
*Sciurus rutilus* Cretzschmar, in Rüppell's *Atlas zu d. Reise im Nördliche Afrika*, Säuegeth., p. 59, pl. 24, 1826. Eastern slope of Abyssinia.  
*Sciurus (Xerus) brachyotus* Hemprich and Ehrenberg, *Symbolæ Physicæ*, Mamm., dec. 1, fol. ee, pl. 9, Aug. 1832. Gedam near Arkiko and Taranta near Eilet, Abyssinia.  
*Sciurus (Xerus) fuscus* Huet, *Nouv. Arch. Mus. d'Hist. Nat. Paris*, (2) 3: 139, pl. 6, f. 1, 1880. Mountains of Adel, Abyssinia.

#### XERUS RUTILUS DABAGALA Heuglin

- Xerus dabagala* Heuglin, *Nova Acta Acad. Cæs. Leop.-Carol.*, Halle, 28: art. 10, p. 4, pl. 2, f. 3, 1861. No locality; probably Red Sea coast.

#### XERUS RUTILUS DORSALIS Dollman

- Xerus dabagala dorsalis* Dollman, *Ann. Mag. Nat. Hist.* (8) 7: 519, May 1911. Baringo, Kenya Colony, 4000 ft.

#### XERUS RUTILUS INTENSUS Thomas

- Xerus rutilus intensus* Thomas, *Ann. Mag. Nat. Hist.* (7) 14: 100, Aug. 1904. Gerlogobi Wells, British Somaliland.  
 Range: Red sandy country of Central Somali.

#### XERUS RUTILUS RUFIFRONS Dollman

- Xerus dabagala rufifrons* Dollman, *Ann. Mag. Nat. Hist.* (8) 7: 518, May 1911. Northern Guaso Nyiro, Kenya Colony.  
*Sciurus (Xerus) flavus* A. Milne-Edwards, *Revue de Zool. Pure et Appliquée*, (2) 19: 229, July 1867; Huet, *Nouv. Arch. Mus. d'Hist. Nat. Paris*, (2) 3: pl. 6, f. 2 (type, in color), 1880. "Gaboön," but shown to be probably Gnélidi or Ras Hafoun, Somaliland, by Oustalet, E., *Mém. Soc. Zool. de France*, Paris, 7: 76-77, 1894. Possibly a synonym but not *Sciurus flavus* Linnæus, 1766.

#### XERUS RUTILUS STEPHANICUS Thomas

- Xerus rutilus stephanicus* Thomas, *Ann. Mag. Nat. Hist.* (7) 18: 301, Oct. 1906. Lake Stephanie, Abyssinia.

**XERUS RUTILUS SATURATUS** Neumann

*Xerus saturatus* Neumann, Zool. Jahrb., Syst., 13: 546, 10 Oct. 1900. Kibwezi, southern Ukamba, Kenya Colony.

## Family MUSCARDINIDÆ. Dormice

**AETHOGLIS** G. M. Allen. Large Gray Dormice

*Aethoglis* G. M. Allen, Journ. Mammalogy, 17: 292, 14 Aug. 1936. Genotype *Graphiurus nagtglasii* Jentink.

**AETHOGLIS HUETI HUETI** (Rochebrune)

*Graphiurus hueti* Rochebrune, Actes Soc. Linn. de Bordeaux, (4) 7: 110, pl. 6, f. 1, 1883. Environs of St. Louis, Sorres, Senegal.

**AETHOGLIS HUETI ARGENTEUS** G. M. Allen

*Aethoglis hueti argenteus* G. M. Allen, Journ. Mammalogy, 17: 293, 14 Aug. 1936. Lolodorf, Cameroons.

**AETHOGLIS HUETI MONARDI** (St. Leger)

*Claviglis monardi* St. Leger, Ann. Mag. Nat. Hist. (10) 17: 465, Apl. 1936. Tyihumbwe River, 15 km. above Dala, Angola.

**AETHOGLIS HUETI NAGTGLASII** (Jentink)

*Graphiurus nagtglasii* Jentink, Notes Leyden Mus., 10: 38, 39, Apl. 1888. Liberia, DuQueah and Farmington Rivers.

**CLAVIGLIS** Jentink. Tree Dormice

*Claviglis* Jentink, Notes Leyden Mus., 10: 41, Apl. 1888. Genotype *Claviglis crassicaudatus* Jentink. Characters keyed, Thomas and Hinton, Proc. Zool. Soc. London, p. 232, 3 Apl. 1925.

**CLAVIGLIS ALTICOLA** Roberts

*Claviglis alticola* Roberts, Ann. Transvaal Mus., 13: 98, 6 July 1929. "Kastrol Nek," Wakkerstroom, Transvaal, 6500 ft.

**CLAVIGLIS ANSORGEI ANSORGEI** (Dollman)

*Graphiurus ansorgei* Dollman, Ann. Mag. Nat. Hist. (8) 9: 317, Mar. 1912. Tala Kilau, Dongwenna, Mossamedes, southern Angola.

**CLAVIGLIS ANSORGEI CUANZENSIS** Hill and Carter

*Claviglis ansorgei cuanzensis* Hill and Carter, Amer. Mus. Novitates, no. 913, p. 9, f. 8, 8 Mar. 1937. Chitau, Angola, 4930 ft.

## CLAVIGLIS BROCKMANI BROCKMANI (Dollman)

*Graphiurus brockmani* Dollman, Ann. Mag. Nat. Hist. (8) 5: 287, Mar. 1910.  
Burao, Somaliland, 4000 ft.

## CLAVIGLIS BROCKMANI INTERNUS (Dollman)

*Graphiurus brockmani internus* Dollman, Ann. Mag. Nat. Hist. (8) 9: 318,  
Mar. 1912. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony,  
3200 ft.

## CLAVIGLIS BUTLERI (Dollman)

*Graphiurus butleri* Dollman, Ann. Mag. Nat. Hist. (8) 9: 319, Mar. 1912.  
Jebel Ahmed Aga, Anglo-Egyptian Sudan.

## CLAVIGLIS CHRISTYI (Dollman)

*Graphiurus christyi* Dollman, Revue Zool. Africaine, 4: 80, 25 July 1914.  
Mambaka and Mambo, Congo Belge.

## CLAVIGLIS COUPEII (E. Geoffroy and F. Cuvier)

[*Myoxus*] *coupei* E. Geoffroy and F. Cuvier, Hist. Nat. des Mammifères, pt.  
37, col. pl. and leaf of text (=pl. 251), Nov. 1822. Senegal.

## CLAVIGLIS CRASSICAUDATUS CRASSICAUDATUS Jentink

*Graphiurus crassicaudatus* Jentink, Notes Leyden Mus., 10: 41, Apl. 1888. Du  
Queah River, western Liberia.

## CLAVIGLIS CRASSICAUDATUS DOROTHEÆ (Dollman)

*Graphiurus crassicaudatus dorotheæ* Dollman, Ann. Mag. Nat. Hist. (8) 9:  
312, Mar. 1912. Oban district, southern Nigeria.

## CLAVIGLIS FOXI (Dollman)

*Graphiurus foxi* Dollman, Ann. Mag. Nat. Hist. (8) 13: 196, Jan. 1914. Kabwir,  
Bauchi Province, northern Nigeria.

## CLAVIGLIS GRISELDA (Schwann)

*Graphiurus griselda* Schwann, Proc. Zool. Soc. London, 1: 105, 7 June 1906.  
Kuruman, Bechuanaland.

## CLAVIGLIS HÆDULUS (Dollman)

*Graphiurus hædulus* Dollman, Ann. Mag. Nat. Hist. (8) 9: 316, Mar. 1912.  
Assobam, Bumba River, Cameroons.

*Graphiurus schwabi* G. M. Allen, Bull. Mus. Comp. Zool., 54: 441, Apl. 1912.  
Kribi, Cameroons.



**CLAVIGLIS KELLENI** (Reuvens)

*Eliomys kelleni* Reuvens, Die Myoxidæ oder Schläfer, p. 35, pl. 1, f. 1; pl. 3, f. 3, a, b, 1890. Damaraland, Southwest Africa.

**CLAVIGLIS LITTORALIS** Roberts

*Claviglis littoralis* Roberts, Ann. Transvaal Mus., 13: 97, 6 July 1929. Masiene, north of mouth of Limpopo River, Mozambique.

**CLAVIGLIS LORRAINEUS** (Dollman)

*Graphiurus lorraineus* Dollman, Ann. Mag. Nat. Hist. (8) 5: 285, Mar. 1910. Molegbwe, south of Setema Rapids, Uele River, Congo Belge.

**CLAVIGLIS MURINUS MURINUS** (Desmarest)

*Myoxus murinus* Desmarest, Encyclop. Méthodique, Mammalogie, Suppl., p. 542, 1822. Cape of Good Hope.

*Myoxus lalandianus* Schinz, Cuvier's Thierreich, 4: 393, 1825. Cape of Good Hope.

*Myoxus erythrobronchus* A. Smith, Zool. Journ., 4: 438, May 1829. South Africa.

*Myoxus cineraceus* Rüppell, Mus. Senckenberg., Frankfurt a. M., 3: pt. 2, p. 136, 1842. Port Natal.

*Myoxus cinerascens* Schinz, Syst. Verzeichn., Synopsis Mamm., 2: 80, 1845 (emendation of *M. cineraceus* Rüppell).

*Eliomys microtis* Noack, Zool. Jahrb., 2: 248, pl. 9, f. 19-22, 7 May 1887. "Qua Mpala, Marungu," Tanganyika Territory.

**CLAVIGLIS MURINUS GRISEUS** (G. M. Allen)

*Graphiurus microtis griseus* G. M. Allen, Bull. Mus. Comp. Zool., 54: 440. Apl. 1912. Northern Guaso Nyiro, Kenya Colony.

*Graphiurus murinus johnstoni* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 2, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony.

**CLAVIGLIS MURINUS ISOLATUS** (Heller)

*Graphiurus murinus isolatus* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 3, 5 July 1912. Mt. Umengo, Taita Mts., Kenya Colony, 5000 ft.

**CLAVIGLIS MURINUS PRETORIÆ** (Roberts)

*Graphiurus pretoriæ* Roberts, Ann. Transvaal Mus., 4: 79, 20 Oct. 1913. Little Wonderboom, Pretoria, Transvaal.

**CLAVIGLIS MURINUS RAPTOR** (Dollman)

*Graphiurus raptor* Dollman, Ann. Mag. Nat. Hist. (8) 5: 96, Jan. 1910. West slope of Mt. Kenya, Kenya Colony.

## CLAVIGLIS MURINUS SATURATUS (Dollman)

*Graphiurus microtis saturatus* Dollman, Ann. Mag. Nat. Hist. (8) 5: 204, Feb. 1910. South face of Mt. Elgon, Kenya Colony, 9000 ft.  
*Graphiurus murinus saturatus* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 153, 1919.

## CLAVIGLIS MURINUS SELINDENSIS Roberts

*Claviglis murinus selindensis* Roberts, Ann. Transvaal Mus., 19: 100, 8 Nov. 1937. Mt. Selinda, Southern Rhodesia.

## CLAVIGLIS MURINUS TZANEENENSIS (Roberts)

*Graphiurus murinus tzaneenensis* Roberts, Ann. Transvaal Mus., 4: 79, 20 Oct. 1913. Tzaneen Estate, Transvaal.

## CLAVIGLIS NANUS (De Winton)

*Myoxus (Eliomys) nanus* De Winton, Proc. Zool. Soc. London, for 1896, p. 799, Apl. 1897. Mazoe, Mashonaland, Southern Rhodesia.

## CLAVIGLIS OLGA Thomas

*Claviglis olga* Thomas, Ann. Mag. Nat. Hist. (9) 16: 191, July 1925. Tehsiderak, Asben, (Aïr), French West Africa.

## CLAVIGLIS OROBINUS (Wagner)

*Myoxus orobinus* Wagner, Arch. f. Naturgesch., 11: sect. 1, p. 149, 1845. Sennaar.

## CLAVIGLIS PARVULUS (Monard)

*Graphiurus parvulus* Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 54, 1932. Rio Mbalé, Tumbolé, and Vila da Ponte, Angola.

## CLAVIGLIS PARVUS PARVUS (True)

*Eliomys parvus* True, Proc. U. S. Nat. Mus., 16: 601, 25 Oct. 1893. Tana River, between coast and Hameye, Kenya Colony.

## CLAVIGLIS PARVUS DOLLMANI (Osgood)

*Graphiurus parvus dollmani* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 15, 7 Apl. 1910. Lukenya Mt., Ulukeny Hills, Kenya Colony,

## CLAVIGLIS PERSONATUS (Heller)

*Graphiurus personatus* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 2, 28 Feb. 1911. Rhino Camp, Lado Enclave.

## CLAVIGLIS SMITHII (Thomas)

*Myoxus (Eliomys) smithii* Thomas, Ann. Mag. Nat. Hist. (6) 12: 267, Oct. 1893. Nassa, Speke Gulf, Lake Victoria.

**CLAVIGLIS SOLEATUS SOLEATUS** (Thomas and Wroughton)

*Graphiurus soleatus* Thomas and Wroughton, Trans. Zool. Soc. London, 19: 499, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 5-6000 ft.

**CLAVIGLIS SOLEATUS COLLARIS** G. M. Allen and A. Loveridge

*Claviglis soleatus collaris* G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 122, Feb. 1933. Madehani, Ukinga Mts., north end of Lake Nyasa, Tanganyika Territory.

**CLAVIGLIS SPURRELLI** (Dollman)

*Graphiurus spurrelli* Dollman, Ann. Mag. Nat. Hist. (8) 9: 315, Mar. 1912. Bibianaha, 60 miles west of Kumasi, Gold Coast.

**CLAVIGLIS STREETERI** (Roberts)

*Graphiurus streeteri* Roberts, Ann. Transvaal Mus., 4: 80, 20 Oct. 1913. Hector Spruit, Transvaal.

**CLAVIGLIS SURDUS** (Dollman)

*Graphiurus surdus* Dollman, Ann. Mag. Nat. Hist. (8) 9: 314, Mar. 1912. Benito River, French Congo.

**CLAVIGLIS TASMANI** Roberts

*Claviglis tasmani* Roberts, Ann. Transvaal Mus., 13: 95, 6 July 1929. Driefontein Mission Station, near Gwelo, Southern Rhodesia.

**CLAVIGLIS VANDAMI** Roberts

*Claviglis vandami* Roberts, Ann. Transvaal Mus., 13: 97, 6 July 1929. Guja, lower Olifants River Valley, Portuguese Southeast Africa (Mozambique).

**CLAVIGLIS VULCANICUS** (Lönnerberg and Gyldenstolpe)

*Graphiurus vulcanicus* Lönnerberg and Gyldenstolpe, Arkiv f. Zool., 17B: no. 9, p. 2, 14 May 1925. Mt. Karissimbi, Birunga Volcanoes, Congo Belge.

**CLAVIGLIS WOOSNAMI** (Dollman)

*Graphiurus woosnami* Dollman, Ann. Mag. Nat. Hist. (8) 6: 393, Oct. 1910. North of Okwa, Kalahari Desert.

**CLAVIGLIS ZULUENSIS** Roberts

*Claviglis zuluensis* Roberts, Ann. Transvaal Mus., 14: 229, 28 July 1931. Ubombo Bush, northern Zululand, South Africa.

## ELIOMYS Wagner

*Eliomys* Wagner, Abh. K. Bayer. Akad. Wiss., München, math.-phys. Cl., 3: 176, pl. 2, f. 1-4; pl. 3, f. 1, 1843. Genotype *Eliomys* (*Myoxus*) *melanurus* Wagner.

*Bifa* Lataste, Le Naturaliste, 7: 61, 15 Apl. 1885. Genotype *Bifa lerotina* Lataste.

## ELIOMYS MUNBYANUS MUNBYANUS (Pomel)

*Myoxus munbyanus* Pomel, Compt. Rend. Acad. Sci. Paris, 42: 653, 1856. Province of Oran, Algeria.

*Eliomys lerotinus tunetæ* Thomas, Ann. Mag. Nat. Hist. (7) 11: 495, May 1903. Karouana, Tunis. See Cabrera, A., Trab. Mus. Nac. de Cien. Nat. Madrid, zool. ser., no. 57, p. 226, 30 Dec. 1932.

## ELIOMYS MUNBYANUS CYRENAICUS Festa

*Eliomys cyrenaicus* Festa, Boll. Mus. Zool. ed Anat. Comp. Univ. Torino, 36: no. 740, p. 4, 15 Dec. 1921. Gheminez, Cirenaica (Barke).

## ELIOMYS MUNBYANUS LEROTINA (Lataste)

*Bifa lerotina* Lataste, Le Naturaliste, 7: 61, 15 Apl. 1885. Near Ghardaia, Mzab, Algeria.

## ELIOMYS MUNBYANUS OCCIDENTALIS Thomas

*Eliomys lerotinus occidentalis* Thomas, Novitates Zool., 10: 300, 25 Aug. 1903. Rio de Oro.

A race of *E. munbyanus* according to Cabrera (Trabajos del Mus. Nac. Cien. Nat., Madrid, zool. ser., no. 57, p. 226, 30 Dec. 1932).

## INDETERMINATE

*Myoxus cattoirii* J. B. Fischer, Synopsis Mamm., p. 310, 1829. Senegal (based on Autre loir of F. Cuvier, Diet. des Sci. Nat., 27: 124, 1823, collected by Cattoir).

## GLIRISCUS Thomas and Hinton. Rock Dormice

*Gliriscus* Thomas and Hinton, Proc. Zool. Soc. London, p. 232, 3 Apl. 1925. Genotype *Graphiurus platyops* Thomas.

## GLIRISCUS ANGOLENSIS ANGOLENSIS (De Winton)

*Graphiurus angolensis* De Winton, Ann. Mag. Nat. Hist. (7) 20: 320, Sep. 1897. Caconda, Angola.

**GLIRISCUS ANGOLENSIS JORDANI** Roberts

*Gliriscus angolensis jordani* Roberts, Ann. Transvaal Mus., 13: 95, 6 July 1929.  
Isoka, Northern Rhodesia.

**GLIRISCUS PLATYOPS** (Thomas)

*Graphiurus platyops* Thomas, Ann. Mag. Nat. Hist. (6) 19: 388, Apl. 1897.  
Enkeldorn, Mashonaland, Southern Rhodesia.

**GLIRISCUS RUPICOLA RUPICOLA** Thomas and Hinton

*Gliriscus rupicola* Thomas and Hinton, Proc. Zool. Soc. London, p. 232, 3 Apl. 1925. Karibib, inland highlands of Southwest Africa, 3842 ft.

**GLIRISCUS RUPICOLA MONTOSUS** Thomas and Hinton

*Gliriscus rupicola montosus* Thomas and Hinton, Proc. Zool. Soc. London, p. 233, 3 Apl. 1925. Great Brukaros Mountain, Southwest Africa, 3600–5000 ft.

**GRAPHIURUS Smuts. Cape Dormice**

*Graphiurus* Smuts, Enumer. Mamm. Cap., p. 32, 1832. Genotype *Graphiurus capensis* Smuts = *Sciurus ocularis* A. Smith.

**GRAPHIURUS EASTWOODÆ** Roberts

*Graphiurus eastwoodæ* Roberts, Ann. Transvaal Mus., 4: 80, 20 Oct. 1913.  
Woodbush, Transvaal. Probably a race of *G. ocularis*.

**GRAPHIURUS OCULARIS OCULARIS** (A. Smith)

*Sciurus ocularis* A. Smith, Zool. Journ., 4: 439, May 1829. Near Plettenberg's Bay, Cape of Good Hope.

*Graphiurus typicus* A. Smith, South African Quart. Journ., 2: 145, 1834. Forests about Knysna, South Africa.

"*Graphiure*" [*Myoxus*] *capensis* F. Cuvier, Hist. Nat. des Mamm., pt. 60, and text, pl. 254, Sep. 1829.

*Graphiurus elegans* Ogilby, Proc. Zool. Soc. London, p. 5, July 1838. ? Cape of Good Hope (see Thomas, O., Proc. Zool. Soc. London, p. 298, 29 Apl. 1926).

## Family CRICETIDÆ. Hamster-like Rodents

## Subfamily CRICETINÆ

See Miller and Gidley: Journ. Washington Acad. Sci., 8:436, 19 July 1918.

## MYSTROMYS Wagner

*Mystromys* Wagner, Gelehrte Anzeigen, München, 12: no. 54, col. 434, 17 Mar. 1841. Genotype *Mystromys albipes* Wagner = *Otomys albicaudatus* A. Smith.

## MYSTROMYS ALBICAUDATUS ALBICAUDATUS (A. Smith)

*Otomys albicaudatus* A. Smith, South African Quart. Journ., 2: 148, 1834; Illustr. Zool. South Africa, Mamm., pl. 33 and text, Sep. 1841. District of Albany, South Africa.

*Arvicola albicaudatus* Desmarest, Encyclop. Méthodique<sup>4</sup>, Mammalogie, pt. 2, p. 281, 1822. Locality unknown; based on a specimen given the name *Lemmus albicaudatus* by Geoffroy in Catalogue of the Muséum d'Hist. Nat. Paris. Although referred to *Malacothrix* by Trouessart, this may not be the same as *Otomys albicaudatus* A. Smith.

*Mystromys albipes* Wagner, Gelehrte Anzeigen, München, 12: no. 54, col. 435, 17 Mar. 1841; Arch. f. Naturgesch., 7: pt. 1, p. 133, 1841. South Africa.

*Mystromys lanuginosus* Lichtenstein, Verzeichn. d. Doubletten Mus. Berlin, p. 10, 1842.

## MYSTROMYS ALBICAUDATUS FUMOSUS Thomas and Schwann

*Mystromys albicaudatus fumosus* Thomas and Schwann, Proc. Zool. Soc. London, 1: 137, 1 June 1905. Wakkerstroom, Transvaal.

## MYSTROMYS LONGICAUDATUS Noack

*Mystromys longicaudatus* Noack, Zool. Jahrb., 2: 246, pl. 9, f. 16-18, 7 May 1887. Gonda, Tanganyika Territory?

## Subfamily LOPHIOMYINÆ. Maned Rats

See Miller and Gidley: Journ. Washington Acad. Sci., 8: 437, 19 July 1918.

## LOPHIOMYS Milne-Edwards. Maned Rat

*Lophiomyis* Milne-Edwards, L'Institut, Paris, 35: 46, 6 Feb. 1867; Compt. Rend. Acad. Sci. Paris, 64: 812, 1867. Genotype *Lophiomyis imhausii* Milne-Edwards.



*Phractomys* Peters, Zeitschr. f. Ges. Naturw., Berlin, 29: 195, 1867; Sitzb. Ges. Naturf. Freunde, Berlin, p. 19, 1867. Genotype *Phractomys aethiopicus* Peters = *Lophiomys imhausii* Milne-Edwards. *Phragmomys* in second ref.

See Thomas, O. The species of *Lophiomys*. Ann. Mag. Nat. Hist. (8) 6: 222-223, Aug. 1910, with key.

#### LOPHIOMYS BOZASI Oustalet

*Lophiomys bozasi* Oustalet, Bull. Mus. d'Hist. Nat., Paris, 8: 400, 1902. Goba, country of the Arussi Gallas, southern Abyssinia, 3000 m.

Synonymous with *L. aethiopicus* according to Thomas, Ann. Mag. Nat. Hist. (8) 6: 223, Aug. 1910.

#### LOPHIOMYS IMHAUSII Milne-Edwards

*Lophiomys imhausii* Milne-Edwards, L'Institut, Paris, 35: 46, 6 Feb. 1867; Compt. Rend. Acad. Sci., Paris, 64: 812, 1867. Probably from African coast opposite Aden, where it was purchased.

*Phractomys aethiopicus* Peters, Zeitschr. f. Ges. Naturw., Berlin, 29: 195, 1867; Sitzb. Ges. Naturf. Freunde, Berlin, p. 19, 1867. Maman, north of Kassala, Anglo-Egyptian Sudan.

#### LOPHIOMYS IBEANUS IBEANUS Thomas

*Lophiomys ibeanus* Thomas, Ann. Mag. Nat. Hist. (8) 6: 223, Aug. 1910. Mile 513 on Uganda Railway, between Londiani and Lumbwa Stations, Mau region, Kenya Colony.

#### LOPHIOMYS IBEANUS HINDEI Thomas

*Lophiomys ibeanus hindei* Thomas, Ann. Mag. Nat. Hist. (8) 6: 223, Aug. 1910. Mutaragwa, Aberdare Mts., Kenya Colony.

Probably a synonym of *L. ibeanus*. All the recognizable forms are doubtless races of *L. imhausii*.

#### LOPHIOMYS SMITHI Rhoads

*Lophiomys smithi* Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 524, text-f., pl. 25, 8 Dec. 1896. Sheikh Husein, western Somaliland, about 8° N., 41° E.

#### LOPHIOMYS TESTUDO Thomas

*Lophiomys testudo* Thomas, Ann. Mag. Nat. Hist. (7) 15: 80, Jan. 1905. Ravine Station, Kenya Colony.

#### LOPHIOMYS THOMASI Heller

*Lophiomys thomasi* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 4, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony, 6000 ft.

## Subfamily MICROTINÆ. Voles

## MICROTUS Schrank. Meadow Mice or Voles

*Microtus* Schrank, Fauna Boica, 1: 72, 1798. Genotype *Microtus terrestris* Schrank = *Mus arvalis* Pallas.

## MICROTUS MUSTERSI Hinton

*Microtus mustersi* Hinton, Ann. Mag. Nat. Hist. (9) 18: 305, Sep. 1926. Merg, Cyrenaica, Barka.

Note: The record of *Arvicola arvalis* from Abyssinia, by Martoglio (Ann. d'Igiene Sperim., Torino, (2) 23: 161-170, 1913) is doubtless based on a misidentification of a species of *Lophuromys* or of *Arvicanthis* as suggested by Laurent, P., Bull. Soc. d'Hist. Nat. de l'Afrique du Nord, 27: 384-386, Nov. 1936.

## Subfamily NESOMYINÆ. Madagascan Cricetines

## BRACHYTARSOMYS Günther

*Brachytarsomys* Günther, Proc. Zool. Soc. London, p. 79, text-f. 3 (cranium), pl. 16, June 1875. Genotype, by monotypy, *Brachytarsomys albicauda* Günther.

## BRACHYTARSOMYS ALBICAUDA Günther

*Brachytarsomys albicauda* Günther, Proc. Zool. Soc. London, p. 80, text-f. 3, pl. 16, June 1875. Madagascar, between Tamatave and Murundava.

## BRACHYUROMYS Forsyth Major

*Brachyuromys* Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 322, Oct. 1896. Genotype *Brachyuromys ramirohitra* Forsyth Major.

## BRACHYUROMYS BETSILEONENSIS (Bartlett)

*Nesomys betsileonensis* Bartlett, Proc. Zool. Soc. London, for 1879, p. 770, Apl. 1880. Southeastern Betsileo, Madagascar.

## BRACHYUROMYS RAMIROHITRA Forsyth Major

*Brachyuromys ramirohitra* Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 323, Oct. 1896. Ampitambé forest, Betsimisaraka country (border of northeastern Betsileo), six hours southeast of Fandriana, Madagascar.

## ELIURUS Milne-Edwards

*Eliurus* Milne-Edwards, Ann. des Sci. Nat., zool., (6) 20: art. 1 bis, p. 1, 1885.  
Genotype *Eliurus myoxinus* A. Milne-Edwards.

## ELIURUS MAJORI Thomas

*Eliurus majori* Thomas, Ann. Mag. Nat. Hist. (6) 16: 164, Aug. 1895. Ambo-  
limitombo forest, central Madagascar.

## ELIURUS MINOR Forsyth Major

*Eliurus minor* Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 462, Dec. 1896.  
Ampitambé forest, northeastern Betsileo, Madagascar.

## ELIURUS MYOXINUS Milne-Edwards

*Eliurus myoxinus* Milne-Edwards, Ann. des Sci. Nat., zool., (6) 20: art. 1 bis,  
p. 1, 1885. West coast of Madagascar.

## ELIURUS TANALA Forsyth Major

*Eliurus tanala* Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 462, Dec. 1896.  
Forest of the Tanala of Ikongo, near Vinanitelo, 30 miles south of Fiana-  
rantsoa, Madagascar.

## GYMNUROMYS Forsyth Major

*Gymnuromys* Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 324, Oct. 1896.  
Genotype *Gymnuromys roberti* Forsyth Major.

## GYMNUROMYS ROBERTI Forsyth Major

*Gymnuromys roberti* Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 324, Oct.  
1896. Ampitambé forest, northeastern Betsileo, Madagascar.

## HALLOMYS Jentink

*Hallomys* Jentink, Notes Leyden Mus., 1: 107, Apl. 1879. Genotype *Hallomys*  
*audeberti* Jentink.

## HALLOMYS AUDEBERTI Jentink

*Hallomys audeberti* Jentink, Notes Leyden Mus., 1: 107, Apl. 1879. Maisine  
and Savary, northeastern Madagascar.

## HYPOGEOMYS A. Grandidier

*Hypogeomys* A. Grandidier, Revue et Mag. de Zool., (2) 21: 338, Sep. 1869.  
Genotype *Hypogeomys antimena* A. Grandidier.

## HYPOGEOMYS ANTIMENA A. Grandidier

*Hypogeomys antimenae* A. Grandidier, Revue et Mag. de Zool. (2) 21: 338, Sep.-1869. Banks of the Tsidsibon and the Andranoumène, Menabé, western Madagascar.

## MACROTARSOMYS Milne-Edwards and G. Grandidier

*Macrotarsomys* Milne-Edwards and G. Grandidier, Bull. Mus. d'Hist. Nat. Paris, 4: 179, 1898. Genotype *Macrotarsomys bastardi* Milne-Edwards and G. Grandidier.

## MACROTARSOMYS BASTARDI Milne-Edwards and G. Grandidier

*Macrotarsomys bastardi* Milne-Edwards and G. Grandidier, Bull. Mus. d'Hist. Nat. Paris, 4: 179, 180, text-f. 1, 2, 1898. South of Mangoky, southwestern Madagascar.

For Mr. E. Bastard.

## NESOMYS Peters

*Nesomys* Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 54, 1870. Genotype *Nesomys rufus* Peters.

## NESOMYS RUFUS Peters

*Nesomys rufus* Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 55, 1870. Vohima, Madagascar.

## Subfamily GERBILLINÆ. Gerbils

## AMMODILLUS Thomas

*Ammodillus* Thomas, Ann. Mag. Nat. Hist. (7) 14: 102, text-f. a, b, Aug. 1904. Genotype *Gerbillus imbellis* De Winton.

## AMMODILLUS IMBELLIS (De Winton)

*Gerbillus imbellis* De Winton, Ann. Mag. Nat. Hist. (7) 1: 249, Mar. 1898. Goodar, Somaliland.

## DESMODILLISCUS Wettstein

*Desmodilliscus* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 153, 1916. Genotype *Desmodilliscus braueri* Wettstein.

## DESMODILLISCUS BRAUERI Wettstein

*Desmodilliscus braueri* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 153, 1916. Between Um Ramad and Nubbaka, south of El Obeid, Kordofan, Anglo-Egyptian Sudan.

## DESMODILLISCUS BUCHANANI Thomas and Hinton

*Desmodilliscus buchanani* Thomas and Hinton, Novitates Zool., 27: 317, 15 June 1920. Farniso, near Kano, northern Nigeria.

## DESMODILLUS Thomas and Schwann

*Desmodillus* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 2, p. 6, 9 Feb. 1904; Proc. Zool. Soc. London, 1: 177, June 1904. Genotype *Gerbillus auricularis* A. Smith.

## DESMODILLUS AURICULARIS AURICULARIS (A. Smith)

*Gerbillus auricularis* A. Smith, South African Quart. Journ., 2: 160, 1834. Mountains of Little Namaqualand, South Africa.

*Gerbillus brevicaudatus* F. Cuvier, Trans. Zool. Soc. London, 2: 144, pl. 26, f. 10-13, 4 May 1838. Cape of Good Hope.

## DESMODILLUS AURICULARIS PUDICUS Dollman

*Desmodillus auricularis pudicus* Dollman, Ann. Mag. Nat. Hist. (8) 6: 395, Oct. 1910. Lehutitung, Kalahari, Bechuanaland.

## DIPODILLUS Lataste

*Dipodillus* Lataste, Le Naturaliste, 3: no. 64, p. 506, 15 Nov. 1881; 4: 12, 15 Jan. 1882. Subgenus of *Gerbillus*, including *Gerbillus simoni* Lataste, and *G. campestris* Levaillant.

## DIPODILLUS AMÆNUS De Winton

*Dipodillus amænus* De Winton, Ann. Mag. Nat. Hist. (7) 9: 46, Jan. 1902. Giza Province, Egypt.

## DIPODILLUS BOTTAI (Lataste)

*Gerbillus bottai* Lataste, Le Naturaliste, 4: no. 5, p. 36, 1 Mar. 1882. Sennaar, Anglo-Egyptain Sudan.

## DIPODILLUS BROCKMANI Thomas

*Dipodillus brockmani* Thomas, Ann. Mag. Nat. Hist. (8) 5: 420, May 1910. Burao, 85 miles south of Berbera, British Somaliland.

## DIPODILLUS CAMPESTRIS CAMPESTRIS (Levaillant)

*Gerbillus campestris* Levaillant, Exploration Sci. de l'Algérie, Zool., Mammifères, Atlas, pl. 5, f. 2 (col.), 2a, 1857; Loche, Cat. Mamm. et Oiseaux observés en Algérie, p. 22, 1858. Province of Constantine, Algeria.

*Gerbillus gerbii* Loche, Cat. Mamm. et Oiseaux observés en Algérie, p. 23, 1858; Exploration Sci. de l'Algérie, Zool., Mammifères, p. 107, 1867. Country of the Beni Sliman, Algeria.

*Gerbillus minutus* Loche, Cat. Mamm. et Oiseaux observés en Algérie, p. 23, 1858. Douilba, Sahara, Algeria.

DIPODILLUS CAMPESTRIS CINNAMOMEUS Cabrera

*Dipodillus campestris cinnamomeus* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 16: 385, Oct. 1916. Taguidert, south of Mogador, Morocco.

DIPODILLUS CAMPESTRIS RIPARIUS Cabrera

*Dipodillus campestris riparius* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 22: 112, 27 Feb. 1922. Valley of the Uad Martin, Yebala, Morocco.

DIPODILLUS CAMPESTRIS ROZSIKÆ Thomas

*Dipodillus campestris rozsikæ* (sic) Thomas, Ann. Mag. Nat. Hist. (8) 2: 374, Oct. 1908. Biskra, Algeria.

*Dipodillus campestris rozsikæ* Thomas, Novitates Zool., 20: 589, 21 Oct. 1913 (correction of typographical error).

DIPODILLUS DIMINUTUS Dollman

*Dipodillus diminutus* Dollman, Ann. Mag. Nat. Hist. (8) 7: 520, May 1911. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony.

DIPODILLUS DODSONI DODSONI Thomas

*Dipodillus dodsoni* Thomas, Proc. Zool. Soc. London, 2: 7, Oct. 1902. Ain Hammam, Tripoli.

DIPODILLUS DODSONI PATRIZII de Beaux

*Dipodillus dodsoni patrizii* de Beaux, Ann. Mus. Civ. Stor. Nat., Genova, 55: 379, 2 June 1932. Oasis of Cufra, Libyan Desert, Libya.

DIPODILLUS GROBBENI (Klaptocz)

*Gerbillus* (*Dipodillus*) *grobbeni* Klaptocz, Zool. Jahrbücher, Syst., 27: 252, 2 text-f., (1908) 25 Feb. 1909. Dernah, north coast of Barka, Cyrenaica. Status uncertain according to H. Heim de Balsac.

DIPODILLUS HARWOODI HARWOODI (Thomas)

*Gerbillus* (*Dipodillus*) *harwoodi* Thomas, Ann. Mag. Nat. Hist. (7) 8: 275, footnote, Oct. 1901. Lake Naivasha, Kenya Colony.

DIPODILLUS HARWOODI LUTEUS Dollman

*Dipodillus luteus* Dollman, Ann. Mag. Nat. Hist. (8) 14: 489, Dec. 1914. Southern Guaso Nyiro, Nyanza Province, Kenya Colony.

*Dipodillus harwoodi luteus* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 27, 1919.



**DIPODILLUS HENLEYI** De Winton

*Dipodillus henleyi* De Winton, Novitates Zool., 10: 284, pl. 8, f. 1, 25 Aug. 1903.  
Zaghigh, Wadi Natron, Lower Egypt.

**DIPODILLUS HILDA** Thomas

*Dipodillus hilda* Thomas, Ann. Mag. Nat. Hist. (9) 2: 62, July 1918. Seacoast  
70 miles southwest of Tangiers, Morocco.

**DIPODILLUS JORDANI** Thomas

*Dipodillus jordani* Thomas, Ann. Mag. Nat. Hist. (9) 2: 60, July 1918. Guelt-  
es-Stel, central plateau of Algeria, 900 m.

**DIPODILLUS JULIANI** St. Leger

*Dipodillus juliani* St. Leger, Ann. Mag. Nat. Hist. (10) 15: 669, June 1935.  
Bulhar, Somaliland.

**DIPODILLUS LOWEI** Thomas and Hinton

*Dipodillus lowei* Thomas and Hinton, Proc. Zool. Soc. London, p. 261, 6 July  
1923. Jebel Marra, Darfur, Anglo-Egyptian Sudan, 9500 ft.

**DIPODILLUS MACKILLIGINI** Thomas

*Dipodillus mackilligini* Thomas, Ann. Mag. Nat. Hist. (7) 14: 158, Aug. 1904.  
Wadi Alagi, eastern desert of Nubia, about lat. 22° N., long. 35° E., Anglo-  
Egyptian Sudan.

**DIPODILLUS MARÆ** Bonhote

*Dipodillus maræ* Bonhote, Proc. Zool. Soc. London, for 1909, p. 792, 18 Apl.  
1910. Mokattam Hills, east of Cairo, Egypt.

**DIPODILLUS MURICULUS** Thomas and Hinton

*Dipodillus muriculus* Thomas and Hinton, Proc. Zool. Soc. London, p. 263,  
6 July 1923. Madu, 80 miles northeast of El Fasher, Darfur, Anglo-  
Egyptian Sudan.

**DIPODILLUS PERCIVALI** Dollman

*Dipodillus percivali* Dollman, Ann. Mag. Nat. Hist. (8) 14: 488, Dec. 1914.  
Voi, Kenya Colony.

**DIPODILLUS PRINCIPULUS** Thomas and Hinton

*Dipodillus principulus* Thomas and Hinton, Proc. Zool. Soc. London, p. 262,  
6 July 1923. El Malha, Jebel Maidob, northern Darfur, Anglo-Egyptian  
Sudan.

## DIPODILLUS PUSILLUS (Peters)

*Gerbillus pusillus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 201, 1878.  
Ndi and Kitui, Kenya Colony.

## DIPODILLUS QUADRIMACULATUS (Lataste)

*Gerbillus quadrimaculatus* Lataste, Le Naturaliste, 4: no. 4, p. 27, 15 Feb. 1882.  
Nubia.

## DIPODILLUS RUBERRIMUS (Rhoads)

*Gerbillus ruberrimus* Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 538,  
8 Dec. 1896. Finik, near Webi Shebeli, western British Somaliland.

## DIPODILLUS SIMONI (Lataste)

*G[erbillus] simoni* Lataste, Le Naturaliste, 3: no. 63, p. 499, 1 Nov. 1881.  
Oued Magra, between M'sila and Barika, high plateau of Algeria.

## DIPODILLUS SOMALICUS Thomas

*Dipodillus somalicus* Thomas, Ann. Mag. Nat. Hist. (8) 5: 197, Feb. 1910.  
Upper Sheikh, British Somaliland.

## DIPODILLUS STIGMONYX STIGMONYX (Heuglin)

*Meriones stigmonyx* Heuglin, Reise in Nordost-Afrika, 2: 78, 1877. Khartoum,  
Anglo-Egyptian Sudan.

## DIPODILLUS STIGMONYX LUTEOLUS (Thomas)

*Gerbillus stigmonyx luteolus* Thomas, Ann. Mag. Nat. Hist. (7) 8: 275, Oct.  
1901. Duem, Anglo-Egyptian Sudan.

## DIPODILLUS VENUSTUS (Sundevall)

*Meriones venustus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm,  
for 1842, p. 230, 1843. Bahr-el-Abiad, Anglo-Egyptian Sudan.

## DIPODILLUS VIVAX Thomas

*Dipodillus vivax* Thomas, Proc. Zool. Soc. London, 2: 8, Oct. 1902. Sebha,  
Tripoli.

## DIPODILLUS WATERSI (De Winton)

*Gerbillus (Dipodillus) watersi* De Winton, Novitates Zool., 8: 399, pl. 20, 31  
Dec. 1901. Shendi, upper Nile, Anglo-Egyptian Sudan.

## GERBILLUS Desmarest

## Subgenus GERBILLUS Desmarest

*Gerbillus* Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: Tabl. Méthodique d. Mamm., p. 22, 1804; Nouv. Dictionnaire d'Hist. Nat., 13: p. 106, 1817.  
Genotype *Gerbillus ægyptius* Desmarest = *Dipus gerbillus* Olivier.

## GERBILLUS ACTICOLA Thomas

*Gerbillus acticola* Thomas, Ann. Mag. Nat. Hist. (9) 2: 147, Aug. 1918. Berbera, British Somaliland.

## GERBILLUS AGAG Thomas

*Gerbillus agag* Thomas, Proc. Zool. Soc. London, 1: 296, 6 Aug. 1903. Agageh Wells, western Kordofan, Anglo-Egyptian Sudan.

## GERBILLUS ANDERSONI ANDERSONI De Winton

*Gerbillus andersoni* De Winton, Ann. Mag. Nat. Hist. (7) 9: 45, Jan. 1902.  
Mandara, eastern environs of Alexandria, Egypt.  
Range: Northwestern and northern Egypt.

## GERBILLUS ANDERSONI BONHOTEI Thomas

*Gerbillus bonhotei* Thomas, Ann. Mag. Nat. Hist. (9) 3: 560, June 1919. Khabra Abu Guzur, northeastern Sinai.

Range: Northeastern Sinai to "the Egyptian side of the Palestine frontier" (Flower, 1932).

## GERBILLUS BILENSIS Frick

*Gerbillus bilensis* Frick, Ann. Carnegie Mus., 9: 12, 6 June 1914. Dry plains near Bilen, Abyssinia.

(?) *Mus galanus* Heuglin, Reise in Nordost-Afrika, 2: 75, 1877. Stony pastures in the Wolo-Gala country, Abyssinia.

## GERBILLUS CALIDUS CALIDUS Thomas

*Gerbillus calidus* Thomas, Ann. Mag. Nat. Hist. (9) 2: 63, July 1918. Molopo, west of Morokwen, Bechuanaland.

## GERBILLUS CALIDUS KALAHARICUS Roberts

*Gerbillus calidus kalaharicus* Roberts, Ann. Transvaal Mus., 15: 10, 1 Oct. 1932.  
Gomodimo Pan, central Kalahari, Bechuanaland.

## GERBILLUS COSENSI Dollman

*Gerbillus cosensi* Dollman, Abstr. Proc. Zool. Soc. London, no. 131, p. 25, 14 Apl. 1914; Proc. Zool. Soc. London, p. 311, 16 June 1914. Kozibiri River, Ngamatak, Turkwel River, Uganda.

## GERBILLUS DALLONII Heim de Balsac

*Gerbillus dallonii* Heim de Balsac, Mém. Acad. des Sci. de l'Institut de France, Paris, (2) 62: 43 (mém. no. 1), text-f. 1, 1936. Tibesti, Chad Military Territory.

## GERBILLUS DONGOLANUS (Heuglin)

*Meriones dongolanus* Heuglin, Reise in Nordost-Afrika, 2: 79, 1877. Dongola, Anglo-Egyptian Sudan.

## GERBILLUS DUNNI Thomas

*Gerbillus dunni* Thomas, Ann. Mag. Nat. Hist. (7) 14: 101, Aug. 1904. Gerlogobi, British Somaliland.  
For Major H. N. Dunn, R. A. M. C., the collector.

## GERBILLUS EATONI Thomas

*Gerbillus eatoni* Thomas, Proc. Zool. Soc. London, 2: 6, Oct. 1902. Elcusher, Tripoli.

## GERBILLUS FOLEYI Heim de Balsac

*Gerbillus foleyi* Heim de Balsac, Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 317 (brief description), 389, f. 15, no. 12 (skull), 1936; Bull. Soc. Zool. de France, 62: 331, 14 Aug. 1937 (formal description). Beni-abbès, western Algeria.

## GERBILLUS GERBILLUS (Olivier)

*Dipus gerbillus* Olivier, Bull. des Sci., Soc. Philomath., Paris, 2: no. 40, p. 121, 1801. Egypt (Giza Province).  
*Gerbillus aegyptius* Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: tabl. méthodique d. Mamm., p. 22, 1804.  
Range: Algeria and northern Nigeria to Egypt, Nubia and Sinai (Flower).

## GERBILLUS HIRTIPES HIRTIPES Lataste

*Gerbillus hirtipes* Lataste, Le Naturaliste, 3: no. 64, p. 506, 15 Nov. 1881; Actes Soc. Linn. de Bordeaux, 40 (= (4) 10): 377, pl. 10, 1886. Oasis of Nefta, in the Djerid, Sahara, Tunis.

## GERBILLUS HIRTIPES HESPERINUS Cabrera

*Gerbillus hirtipes hesperinus* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 6: 365, July 1906. Mogador, Morocco.

## GERBILLUS LATASTEI Thomas and Trouessart

*Gerbillus latastei* Thomas and Trouessart, Bull. Soc. Zool. de France, p. 172, 1903. Kébili, southern Tunis.

## GERBILLUS LONGICAUDUS (Wagner)

*Meriones longicaudus* Wagner, Schreber's Säugthiere, Suppl., 3: 477, 1843.  
Egypt.

## GERBILLUS MACROPUS (Heuglin)

*Meriones macropus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 31:  
no. 7, p. 9, 1864. Between Djur and Kosanga Rivers, Bongo, Sudan.

## GERBILLUS NANCILLUS Thomas and Hinton

*Gerbillus nancillus* Thomas and Hinton, Proc. Zool. Soc. London, p. 260, 6 July  
1923. Plains of Darfur, 45 miles north of El Fasher, Anglo-Egyptian  
Sudan.

## GERBILLUS NIGERIÆ Thomas and Hinton

*Gerbillus nigeriæ* Thomas and Hinton, Novitates Zool., 27: 317, 15 June 1920.  
Farniso, near Kano, northern Nigeria.

## GERBILLUS NIGROTIBIALIS Monard

*Gerbillus nigrotibialis* Monard, Bull. Soc. Neuchâteloise d. Sci. Nat., Neu-  
châtel, 57: 54, text-f. 5, 6 (p. 65), 1932. Kubango, Angola.

## GERBILLUS PÆBA PÆBA A. Smith

*Gerbillus pæba* A. Smith, Rept. Exped. for Exploring Central Africa from Cape  
of Good Hope, June 23, 1834, under Superintendence of A. Smith, p. 43,  
1836. "Country beyond Latakoo," South Africa.

*Gerbillus tenuis* A. Smith, Illustr. Zool. South Africa, Mamm., pl. 36, f. 2 and  
text, Feb. 1842. North of Latakoo.

A synonym of *Gerbillus pæba* according to Thomas (Ann. Mag. Nat. Hist.  
(9) 2: 64, July 1918).

## GERBILLUS PÆBA BROOMI Thomas

*Gerbillus pæba broomi* Thomas, Ann. Mag. Nat. Hist. (9) 2: 64, July 1918.  
Port Nolloth, Namaqualand, Cape of Good Hope.

## GERBILLUS PÆBA COOMBSI Roberts

*Gerbillus pæba coombi* Roberts, Ann. Transvaal Mus., 13: 98, 6 July 1929.  
Zwarthoek, Zoutpansberg, Transvaal.

## GERBILLUS PULVINATUS Rhoads

*Gerbillus pulvinatus* Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 537, 8  
Dec. 1896. Rusia, Lake Rudolf, Abyssinia.

## GERBILLUS PYGARGUS F. Cuvier

*G[erbillus] pygargus* F. Cuvier, Trans. Zool. Soc. London, 2: 142, pl. 25, f. 10-14,  
4 May 1838. Upper Egypt.

## GERBILLUS PYRAMIDUM PYRAMIDUM I. Geoffroy. Greater Egyptian Gerbil

*Gerbillus pyramidum* I. Geoffroy, Dictionnaire Classique d'Hist. Nat., 7: 321,  
Feb. 1825. Giza Province, Egypt.

*G[erbillus] burtoni* F. Cuvier, Trans. Zool. Soc. London, 2: 145, pls. 22, 23, 4  
May 1838. "Dahrfur"; "the type specimen was an animal which James  
Burton took alive to Paris in 1833" (Flower).

## GERBILLUS PYRAMIDUM TARABULI Thomas

*Gerbillus pyramidum tarabuli* Thomas, Proc. Zool. Soc. London, 2: 5, Oct. 1902.  
Sebha, Tripoli.

## GERBILLUS RIGGENBACHI Thomas

*Gerbillus riggenbachi* Thomas, Novitates Zool., 10: 301, 25 Aug. 1903. Rio de  
Oro.

## GERBILLUS ROSALINDA St. Leger

*Gerbillus rosalinda* St. Leger, Ann. Mag. Nat. Hist. (10) 4: 295, Sep. 1929.  
Abu Zabad, 145 km. southwest of El Obeid, Kordofan, Anglo-Egyptian  
Sudan.

## GERBILLUS SWALIUS SWALIUS Thomas and Hinton

*Gerbillus swalius* Thomas and Hinton, Proc. Zool. Soc. London, p. 235, 3 Apl.  
1925. Karibib, Southwest Africa.

## GERBILLUS SWALIUS LEUCANTHUS Thomas

*Gerbillus swalius leucanthus* Thomas, Proc. Zool. Soc. London, p. 382, 12 July  
1927. Ondongwa, northwestern Ovamboland, Southwest Africa.

## GERBILLUS SWALIUS ORALIS Thomas and Hinton

*Gerbillus swalius oralis* Thomas and Hinton, Proc. Zool. Soc. London, p. 236,  
3 Apl. 1925. Rooibank, coast region near Walvis Bay, Southwest Africa.

## GERBILLUS VALLINUS Thomas

*Gerbillus vallinus* Thomas, Ann. Mag. Nat. Hist. (9) 2: 148, Aug. 1918. Tuin,  
near Kenhart, Hartbeest River, near 29° S. and 21° E., Bushmanland,  
Southwest Africa.



## Subgenus ENDECAPLEURA Lataste

*Endecapleura* Lataste, Le Naturaliste, Paris, 4: 127, 15 Aug. 1882. Subgenus of *Gerbillus*, type *Gerbillus garamantis* Lataste.

*Hendecapleura* Lataste, Ann. Mus. Civ. Stor. Nat., Genova, 20: 258, footnote, 8 Mar. 1884 (emendation).

## GERBILLUS GARAMANTIS Lataste

*Gerbillus garamantis* Lataste, Le Naturaliste, 3: no. 64, p. 506, 507 (spelled *garamantis*), 15 Nov. 1881. Sidi-Roueld, Ouargla, Algeria.

*Dipodillus garamantis* Thomas, Ann. Mag. Nat. Hist. (8) 2: 374, Oct. 1908.

## MERIONES Illiger. Jirds

*Meriones* Illiger, Prodrum Syst. Mamm. et Avium, p. 82, 1811. Genotype not specified; included *Dipus tamaricinus* (Pallas) and *D. meridianus* (Gmelin).

*Idomeneus* Schulze, Zeitschr. f. Naturw., Stuttgart, 73: 201, 19 Dec. 1900. Subgenus of *Meriones*; type *Mus tamaricinus* Pallas.

## MERIONES CALURUS (Thomas)

*Gerbillus calurus* Thomas, Ann. Mag. Nat. Hist. (6) 9: 76, Jan. 1892. No locality.

Range: Sinai and eastern Egypt.

## MERIONES ERYTHROURUS LEGERI Aharoni

*Meriones erythourus legeri* Aharoni, Zeitschr. f. Säugetierkunde, 7: 202, 15 Dec. 1932. Wadi-el-Abjad, southern Palestine.

## MERIONES GRANDIS Cabrera

*Meriones grandis* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 7: 175, Apl. 1907. Marrakesh, central Morocco.

## MERIONES LACERNATUS Rüppell

*Meriones lacernatus* Rüppell, Mus. Senckenburgianum, 3: 96, 115, pl. 6, f. 1, 1842. Dembea Lake, Abyssinia.

## MERIONES LIBYCUS LIBYCUS Lichtenstein

*Meriones libycus* Lichtenstein, Verzeichn. d. Doubletten Zool. Mus. Berlin, p. 5, 1823. "E deserto libyco." Egypt, "no doubt Alexandria" (Thomas).

*Meriones shawi* Rozet, Voy. Rég. Algér., 1: 243, 1833 (ex Shaw, Voy., 1: 321, 1743). Algeria.

*Gerbillus shawi* Duvernoy, L'Institut, p. 400, Nov. 1841.

*Gerbillus sellysii* (sic) Pomel, Compt. Rend. Acad. Sci. Paris, 42: 652, 1856. Algeria, Oran province.

*Gerbillus richardii* Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, p. 104, 1867. Environs of Boghar and country of the Beni Sliman, Algeria. Status uncertain.

*Gerbillus savvi* Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, pl. 6, 1867 (lapsus for *shawii*).

*Meriones isis* Thomas, Ann. Mag. Nat. Hist. (9) 3: 271, Mar. 1919. Ramleh, near Alexandria, Egypt.

MERIONES LIBYCUS ALBIPES Lataste

*Meriones albipes* Lataste, Le Naturaliste, 4: no. 13, p. 101, 1 July 1882. M'sila, high plateau of Algeria.

MERIONES LIBYCUS AUZIENSIS Lataste

*Meriones auziensis* Lataste, Le Naturaliste, 4: no. 10, p. 77, 15 May 1882. Borders of Oued Akarit, between Aumale and Oued Okris, Algeria.

MERIONES LIBYCUS CAUDATUS Thomas

*Meriones libycus caudatus* Thomas, Ann. Mag. Nat. Hist. (9) 3: 267, Mar. 1919. Ferdjan, Tripoli, Libya.

MERIONES LIBYCUS CONFALONIERII de Beaux

*Merione[s] libycus confalonierii* de Beaux, Ann. Mus. Civ. Stor. Nat., Genova, 55: 384, 2 June 1932. El Agheila, Libyan Desert, near Oasis of Cufra, Libya.

MERIONES LIBYCUS CRASSIBULLA Lataste

*Meriones shawi* var. *crassibulla* Lataste, Explor. Sci. de Tunisie, Cat. Critique d. Mamm., p. 27, 1887. Tebessa, Tamesmida, and Taferma, Tunis.

MERIONES LIBYCUS GUYONII (Loche)

*Gerbillus guyonii* Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, p. 103, 1867. Region of Ain-el-Atrech, Algeria.

A valid race according to Thomas, O., Ann. Mag. Nat. Hist. (9) 3: 271, Mar. 1919.

MERIONES LIBYCUS LATICEPS Lataste

*Meriones shawi* var. *laticeps* Lataste, Explor. Sci. de Tunisie, Cat. Critique d. Mamm., p. 27, 1887. Tunis.

See also Lataste, F., Proc. Zool. Soc. London, p. 94, text-f. 1 (skull), June 1884.

MERIONES LIBYCUS LONGICEPS Lataste

*Meriones shawi* var. *longiceps* Lataste, Exploration Sci. de Tunisie, Cat. Critique d. Mamm., p. 27, 1887. Tunis. Status uncertain.

## MERIONES LIBYCUS PALLIDUS Bonhote

*Meriones crassus pallidus* Bonhote, Abstr. Proc. Zool. Soc. London, no. 103, p. 3, 13 Feb. 1912; Proc. Zool. Soc. London, p. 226, 13 Mar. 1912. Atbara, Anglo-Egyptian Sudan.

## MERIONES LIBYCUS TRIPOLIUS Thomas

*Meriones pallidus tripolius* Thomas, Ann. Mag. Nat. Hist. (9) 3: 265, Mar. 1919. Gebel Limhersuk, northwestern Tripoli.

## MERIONES MARIE Cabrera

*Meriones marie* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 7: 177, Apl. 1907. Tarfaya, Sahara region, Cabo Juby, Rio de Oro.

## MERIONES SCHOUSBÆII SCHOUSBÆII (Loche)

*Gerbillus schousboeii* Loche, Cat. des Mamm. et Oiseaux de l'Algérie, p. 23, 1858; Exploration Sci. de l'Algérie, Zool., Mammifères, p. 105, 1867. Ras-nili, Sahara, Algeria.

*Gerbillus renaultii* Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, p. 106, 1867. Environs of Messad, Sahara, Algeria.

*Meriones gætulus* Lataste, Le Naturaliste, 4: no. 11, p. 83, 1 June 1882. Algeria; specimens mentioned from Tilremt, between Laghouat and Berrian, Sahara, and from M'sila, high plateaux.

## MERIONES SCHOUSBÆII TUAREG Thomas

*Meriones schousbæi tuareg* Thomas, Ann. Mag. Nat. Hist. (9) 16: 193, July 1925. Teguidda, west of Asben, French West Africa (Sahara).

## MERIONES TROUESSARTI Lataste

*Meriones trouessarti* Lataste, Le Naturaliste, 4: no. 9, p. 69, 1 May 1882. Bou-Sáada, and Oued Magra, near M'sila, Algeria.

*Meriones melanurus* Rüppell, Mus. Senckenburgianum, 3: 95, 115, pl. 7, f. 3, 1842. Alexandria, Egypt, and Tor, Arabia.

See Thomas, O., (Ann. Mag. Nat. Hist. (9) 3: 264, Mar. 1919) as to status and lectotype.

## MICRODILLUS Thomas

*Microdillus* Thomas, Ann. Mag. Nat. Hist. (8) 5: 197, Feb. 1910. Genotype *Gerbillus peeli* De Winton.

## MICRODILLUS PEELI (De Winton)

*Gerbillus peeli* De Winton, Ann. Mag. Nat. Hist. (7) 1: 250, Mar. 1898 (skull but not skin as described). Eyk, Somaliland.

## PACHYUROMYS Lataste

*Pachyuromys* Lataste, Le Naturaliste, 2: no. 40, p. 313, 15 Nov. 1880. Genotype *Pachyuromys duprasi* Lataste.

PACHYUROMYS DUPRASI DUPRASI Lataste. The "Boubiéda"

*Pachyuromys duprasi* Lataste, Le Naturaliste, 2: no. 40, p. 313, 15 Nov. 1880. Algerian Sahara.

PACHYUROMYS DUPRASI FAROULTI Thomas

*Pachyuromys duprasi faroulti* Thomas, Novitates Zool., 27: 313, 15 June 1920. Méchéria, 100 km. northwest of Ain Sefra, plateau of western Algeria.

PACHYUROMYS DUPRASI NATRONENSIS De Winton

*Pachyuromys dupresi* (sic) *natronensis* De Winton, Novitates Zool., 10: 285, pl. 8, f. 3, 25 Aug. 1903. Bir Victoria, on the way to Wadi Natron from the Nile, Egypt.

## PSAMMOMYS Cretzschmar. Sand Rats

*Psammomys* Cretzschmar, in Rüppell's Atlas zu d. Reise im nördliche Afrika, Säugeth., 1: 56, 1828. Genotype *Psammomys obesus* Cretzschmar.

PSAMMOMYS ELEGANS Heuglin

*Psammomys elegans* Heuglin, Reise in Nordost-Afrika, 2: 80, 1877. "Sauakin" or Suakin, Red Sea, Anglo-Egyptian Sudan.

PSAMMOMYS ALGIRICUS Thomas

*Ps[ammomys] algiricus* Thomas, Ann. Mag. Nat. Hist. (7) 9: 363, 364, May 1902. Biskra, southern Algeria.

PSAMMOMYS OBESUS OBESUS Cretzschmar

*Psammomys obesus* Cretzschmar, in Rüppell's Atlas zu d. Reise im nördliche Afrika, Säugeth., p. 58, pl. 22, 23, 1826. Alexandria, Egypt.

*Psammomys roudairei* Lataste, Le Naturaliste, 3: no. 62, p. 492, 15 Oct. 1881. Thomas, Proc. Zool. Soc. London, 2: 10, Oct. 1902. Algeria.

Range: Algeria, Tunis and Libya to northern Lower Egypt and southern Palestine.

PSAMMOMYS OBESUS NICOLLI Thomas

*Psammomys obesus nicolli* Thomas, Ann. Mag. Nat. Hist. (8) 2: 92, July 1908. Damietta, northern Egypt.

**PSAMMOMYS TRIPOLITANUS** Thomas

*Psammomys tripolitanus* Thomas, Proc. Zool. Soc. London, 2: 9, Oct. 1902.  
Bou Cheifa, coast of Tripoli.

**PSAMMOMYS VEXILLARIS VEXILLARIS** Thomas

*Psammomys vexillaris* Thomas, Ann. Mag. Nat. Hist. (9) 16: 198, July 1925.  
Bondjem, Tripoli.

**PSAMMOMYS VEXILLARIS EDUSA** Thomas

*Psammomys vexillaris edusa* Thomas, Ann. Mag. Nat. Hist. (9) 16: 199, July 1925. Mil Mahases, Chegga, just south of Biskra, Algeria.

**TATERA** Lataste

*Tatera* Lataste, Le Naturaliste, 4: no. 16, p. 126, 15 Aug. 1882. Subgenus of *Gerbillus*; type *Gerbillus indicus* Hardwicke.

*Taterona* Wroughton, Journ. Bombay Nat. Hist. Soc., 25: 40, 20 Mar. 1917.  
Genotype *Gerbillus afer* Gray. A synonym of *Tatera*, see Hollister; also Roberts, Ann. Transvaal Mus., 11: 251, 11 Sep. 1926.

Review: Wroughton, R. C. Notes on the genus *Tatera*, with descriptions of new species. Ann. Mag. Nat. Hist. (7) 17: 474-499, May 1906; with key.

Subgenus **TATERA** Lataste**TATERA AFRA AFRA** (Gray)

*Gerbillus afra* Gray, Spicilegia Zool., 2: 10, 1 Aug. 1830. Cape of Good Hope.  
*Meriones schlegelii* Smuts, Enumeratio Mamm. Capens., p. 41, pl. 1; pl. 3, fig. 1-5, 1832. Cape of Good Hope, Port Elizabeth.  
*Gerbillus africanus* F. Cuvier, Trans. Zool. Soc. London, 2: pl. 26, f. 5-9, 1838.  
No locality, but presumably Cape of Good Hope.

**TATERA AFRA GILLI** Roberts

*Tatera afra gilli* Roberts, Ann. Transvaal Mus., 13: 100, 6 July 1929. Lambert's Bay, Cape Colony.

**TATERA ANGOLÆ** Wroughton

*Tatera angolæ* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 488, May 1906. Fort Quilenges, Angola.

**TATERA BENVENUTA BENVENUTA** (Hinton and Kershaw)

*Taterona benvenuta* Hinton and Kershaw, Ann. Mag. Nat. Hist. (9) 6: 97, July 1920. Bahr-el-Jebel, Mongalla, Anglo-Egyptian Sudan.

## TATERA BENVENUTA LUCIA (Hinton and Kershaw)

*Taterona benvenuta lucia* Hinton and Kershaw, Ann. Mag. Nat. Hist. (9) 6: 99, July 1920. Musisi River, Lake Albert, Kenya Colony.

## TATERA BODESSANA Frick

*Tatera vicina bodessana* Frick, Ann. Carnegie Mus., 9: 15, Sep. 1914. Bodessa, southern Abyssinia, 5000 ft.

## TATERA BRANTSII BRANTSII (A. Smith)

*Gerbillus brantsii* A. Smith, Rept. Exped. for Exploring Central Africa, from Cape of Good Hope, June 23, 1834, under Superintendence of Dr. A. Smith, p. 43, 1836. "Tops of hills towards sources of Caledon River," Orange Free State.

*Meriones montanus* A. Smith, Illustr. Zool. South Africa, Mammals, pl. 36, f. 1 and text, Feb. 1842. "Bashartoo Country" (? = Basutoland).

*Meriones (Rhombomys) maccalinus* Sundevall, Öfversigt af Kongl. Vet.-Akad. Förhandl., Stockholm, for 1846, 3: 120, 1847. "In Caffraria interiore, prope montes nomine Maccali cognitos," i.e., Magaliesberg, Transvaal.

Not a valid form according to Roberts, A., Ann. Transvaal Mus., 11: 250, 14 Sep. 1926.

## TATERA BRANTSII PERPALLIDA Dollman

*Tatera brantsi perpallida* Dollman, Ann. Mag. Nat. Hist. (8) 6: 394, Oct. 1910. East bank of the Tamalakan River, Ngamiland, Bechuanaland.

## TATERA BREYERI Roberts

*Tatera breyeri* Roberts, Ann. Transvaal Mus., 11: 250, 14 Sep. 1926. Nylstroom, Transvaal.

## TATERA CAFFER (Wagner)

*Meriones caffer* Wagner, Arch. f. Naturgesch., 8: sec. 1, p. 18, 1842. South Africa.

## TATERA COSENSI (Kershaw)

*Taterona cosensi* Kershaw, Ann. Mag. Nat. Hist. (9) 8: 567, Nov. 1921. Vihingo, near Ruvu Station, 40 miles inland from Dar-es-Salaam, Tanganyika Territory.

## TATERA DICHRURA Thomas

*Tatera dichrura* Thomas, Ann. Mag. Nat. Hist. (8) 16: 147, Aug. 1915. Poko, Upper Uele River, Congo Belge.

## TATERA DRACO Wroughton

*Tatera draco* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 479, May 1906. Wakkerstroom, Transvaal.



## TATERA FALLAX Thomas and Schwann

*Tatera fallax* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 6, p. 22, 26 Apl. 1904; Proc. Zool. Soc. London, 1: 461, 2 Aug. 1904. Burumba, Ankole, southwestern Uganda.

## TATERA FLAVIPES G. M. Allen

*Tatera flavipes* G. M. Allen, Bull. Mus. Comp. Zool., 58: 331, text-f. 2, July 1914. Aradeiba, above Roseires, Blue Nile, Anglo-Egyptian Sudan.

## TATERA GAMBIANA Thomas

*Tatera gambiana* Thomas, Ann. Mag. Nat. Hist. (8) 6: 428, Oct. 1910. Marakissa, Gambia.

## TATERA GIFFARDI Wroughton

*Tatera giffardi* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 489, May 1906. Gambaga, Gold Coast.

## TATERA GUINEÆ GUINEÆ Thomas

*Tatera guineæ* Thomas, Ann. Mag. Nat. Hist. (8) 5: 353, Apl. 1910. Gunnal, Portuguese Guinea.

## TATERA GUINEÆ PICTA (Hayman)

*Taterona guineæ picta* Hayman, Proc. Zool. Soc. London, for 1935, p. 930, 10 Jan. 1936. Pong, Tamale, Northern Territories of Gold Coast.

## TATERA HOPKINSONI Thomas

*Tatera hopkinsoni* Thomas, Ann. Mag. Nat. Hist. (8) 8: 375, Sep. 1911. Kungdung, Gambia.

## TATERA HUMPATENSIS (Hill and Carter)

*Taterona humpatensis* Hill and Carter, Amer. Mus. Novitates, no. 913, p. 5, f. 3, 8 Mar. 1937. Humpata, Angola, 6300 ft.

## TATERA INCLUSA Thomas and Wroughton

*Tatera inclusa* Thomas and Wroughton, Proc. Zool. Soc. London, p. 169, 7 Sep. 1908. Tambarara, Gorongosa district, Mozambique.

## TATERA JOANÆ (Thomas)

*Taterona joanæ* Thomas, Proc. Zool. Soc. London, p. 299, 29 Apl. 1926. Ukuambi, Ovamboland, Southwest Africa.

## TATERA KEMPII Wroughton

*Tatera kempii* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 375, Apl. 1906. Agoulerie, Anambra Creek, southern Nigeria.

## TATERA LEUCOGASTER (Peters)

*Meriones leucogaster* Peters, Reise nach Mossambique, Säugeth., p. 145, pl. 33, f. 1; pl. 35, f. 4, 1852. Mesuril and Boror, Mozambique.

## TATERA LIODON LIODON Thomas

*Tatera liodon* Thomas, Ann. Mag. Nat. Hist. (7) 9: 441, June 1902. Lake Mweru, northern Nyasaland.

## TATERA LIODON DUNDASI Wroughton

*Tatera dundasi* Wroughton, Ann. Mag. Nat. Hist. (8) 4: 539, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 ft.

## TATERA LIODON SMITHI Wroughton

*Tatera smithi* Wroughton, Ann. Mag. Nat. Hist. (8) 3: 249, Mar. 1909. Mubende, Unyoro, Uganda.

## TATERA LOBENGULÆ LOBENGULÆ (De Winton)

*Gerbillus (Tatera) lobengulæ* De Winton, Ann. Mag. Nat. Hist. (7) 2: 4, July 1898. Essex Vale, Matabeleland, Southern Rhodesia.

## TATERA LOBENGULÆ BECHUANÆ Wroughton

*Tatera lobengulæ bechuanæ* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 482, May 1906. Molopo, Bechuanaland.

## TATERA LOBENGULÆ BEIRENSIS Roberts

*Tatera lobengulæ beirensis* Roberts, Ann. Transvaal Mus., 13: 106, 6 July 1929. Near Beira, Mozambique.

## TATERA LOBENGULÆ GRIQUÆ Wroughton

*Tatera lobengulæ griquæ* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 483, May 1906. Kuruman, Bechuanaland.

*Tatera miliaria stellæ* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 485, May 1906. Kuruman, Bechuanaland, 4000 ft.

Identical with *griquæ* (Roberts, A., Ann. Transvaal Mus., 13: 102, 6 July 1929).

## TATERA LOBENGULÆ LIMPOPOENSIS Roberts

*Tatera lobengulæ limpopoensis* Roberts, Ann. Transvaal Mus., 13: 104, 6 July 1929. Njellele River, Zoutpansberg district, Transvaal.

## TATERA LOBENGULÆ LITTORALIS Roberts

*Tatera lobengulæ littoralis* Roberts, Ann. Transvaal Mus., 13: 105, 6 July 1929. Masiene, near mouth of Limpopo River, Mozambique.

## TATERA LOBENGULÆ MASHONÆ Wroughton

*Tatera lobengulæ mashonæ* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 483,  
May 1906. Mazoe, Mashonaland, Rhodesia.

## TATERA LOBENGULÆ MITCHELLI Roberts

*Tatera lobengulæ mitchelli* Roberts, Ann. Transvaal Mus., 13: 103, 6 July 1929.  
Wonderfontein, Transvaal.

## TATERA LOBENGULÆ NDOLÆ (Kershaw)

*Taterona lobengulæ ndolæ* Kershaw, Ann. Mag. Nat. Hist. (9) 10: 105, July  
1922. N'Dola, Northern Rhodesia, 12° 50' S., 28° 40' E.

## TATERA LOBENGULÆ PANJA Wroughton

*Meriones tenuis* Peters (not A. Smith), Reise nach Mossambique, Säugeth.,  
p. 149, 1852. Tette, Mozambique.

*Tatera panja* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 486, May 1906.  
Chicosta, 60 miles above Tette, Zambesi River, Mozambique.

As to subspecific status, see Roberts, A., Ann. Transvaal Mus., 13: 103,  
6 July 1929.

## TATERA LOBENGULÆ PESTIS Roberts

*Tatera lobengulæ pestis* Roberts, Ann. Transvaal Mus., 13: 103, 6 July 1929.  
Bothaville, Orange Free State.

## TATERA LOBENGULÆ PRETORIÆ Roberts

*Tatera lobengulæ pretoriæ* Roberts, Ann. Transvaal Mus., 13: 104, 6 July 1929.  
Pretoria North, Transvaal.

## TATERA LOBENGULÆ SALSA Wroughton

*Tatera miliaria salsa* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 485, May 1906.  
Klein Letaba, Zoutpansberg, Transvaal.

As to status, see Roberts, A., Ann. Transvaal Mus., 13: 102, 6 July 1929.

## TATERA LOBENGULÆ TZANEENENSIS Roberts

*Tatera lobengulæ tzaneenensis* Roberts, Ann. Transvaal Mus., 13: 105, 6 July  
1929. Tzaneen Estates, northeastern Transvaal.

## TATERA LOBENGULÆ ZULUENSIS Roberts

*Tatera lobengulæ zuluensis* Roberts, Ann. Transvaal Mus., 14: 230, 28 July  
1931. Manaba, 30 miles from Kosi Bay, northern Zululand, Natal.

## TATERA MACROPUS (Heuglin)

*Meriones macropus* Heuglin, Reise in Nordost-Afrika, 2: 79, 1877. Bongo,  
Bahr-el-Ghazal region, Anglo-Egyptian Sudan.

## TATERA MAPUTA Roberts

*Tatera maputa* Roberts, Ann. Transvaal Mus., 18: 238, 21 Feb. 1936. Maputa, northern Zululand, Natal.

## TATERA MILIARIA Wroughton

*Tatera miliaria* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 484, May 1906. Deelfontein, Cape Colony.

## TATERA MINUSCULA Osgood

*Tatera minuscula* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 230, 28 Dec. 1936. Sheik Hussein, near Webi Shebeli, Bale, Ethiopia.

## TATERA NATALENSIS Roberts

*Tatera natalensis* Roberts, Ann. Transvaal Mus., 13: 101, 6 July 1929. Kilgobbin, Lidgetton, Natal.

## TATERA NEAVEI Wroughton

*Tatera neavei* Wroughton, Mem. and Proc. Manchester Lit. and Phil. Soc., 51: no: 5, p. 18, 13 Mar. 1907. 'Ndola, Rhodesia.

## TATERA NIGRICAUDA NIGRICAUDA (Peters)

*Gerbillus nigricaudus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 200, 1878. Ndi, Taita, Kenya Colony.

## TATERA NIGRICAUDA BAYERI Lönnberg

*Tatera nigricauda bayeri* Lönnberg, Revue Zool. Africaine, 5: 179, 30 Apl. 1918. Maroon River, near Mt. Elgon, Kenya Colony.

## TATERA NIGRICAUDA BODESSÆ Frick

*Tatera nigricauda bodessæ* Frick, Ann. Carnegie Mus., 9: 14, 6 June 1914. Sagan River, Bodessa, Abyssinia, 5000 ft.

## TATERA NIGRICAUDA NYAMA Dollman

*Tatera nigricauda nyama* Dollman, Ann. Mag. Nat. Hist. (8) 7: 522, May 1911. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony.

## TATERA NIGRICAUDA PERCIVALI Heller

*Tatera nigracauda* (sic) *percivali* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 8, 24 June 1914. Lorian Swamp, Kenya Colony.

## TATERA NIGRITA NIGRITA Wroughton

*Tatera nigrita* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 491, May 1906. Masindi, Unyoro, Uganda.

**TATERA NIGRITA BENIENSIS** Hatt

*Tatera nigrita beniensis* Hatt, Amer. Mus. Novitates, no. 791, p. 2, 11 Apl. 1935. New post of Beni (Bungulu), eastern Congo Belge, 3900 ft.

**TATERA NYASÆ NYASÆ** Wroughton

*Tatera nyasæ* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 490, May 1906. Deep Bay, northern Nyasaland.

**TATERA NYASÆ LOVERIDGEI** Hatt

*Tatera nyasæ loveridgei* Hatt, Amer. Mus. Novitates, no. 791, p. 2, 11 Apl. 1935. Kilosa, Tanganyika Territory.

**TATERA NYASÆ SHIRENSIS** Wroughton

*Tatera nyasæ shirensis* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 490, May 1906. Mount Malosa, Upper Shiré, Nyasaland.

**TATERA PHILLIPSI PHILLIPSI** (De Winton)

*Gerbillus (Tatera) phillipsi* De Winton, Ann. Mag. Nat. Hist. (7) 1: 253, Mar. 1898. Hanka Dadi, Somaliland.  
Named for E. Lort-Phillips

**TATERA PHILLIPSI UMBROSA** Dollman

*Tatera phillipsi umbrosa* Dollman, Ann. Mag. Nat. Hist. (8) 9: 219, Feb. 1912. Baringo, Kenya Colony.

**TATERA ROBUSTA ROBUSTA** (Cretzschmar)

*Meriones robustus* Cretzschmar, in Rüppell's Atlas zu d. Reise im nördl. Afrika, Säugeth., p. 75, pl. 29, f. b, 1826. Kordofan.  
*Meriones murinus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 231, 1843. Bahr-el-Abiad, Anglo-Egyptian Sudan.

**TATERA ROBUSTA TAYLORI** Hatt

*Tatera robusta taylori* Hatt, Amer. Mus. Novitates, no. 791, p. 1, 11 Apl. 1935. Khor Birum, Red Sea hills, Anglo-Egyptian Sudan.

**TATERA RUDDI RUDDI** Wroughton

*Tatera ruddi* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 478, May 1906. Umvolosi, Zululand, Natal.

**TATERA RUDDI TONGENSIS** Roberts

*Tatera ruddi tongensis* Roberts, Ann. Transvaal Mus., 14: 230, 28 July 1931. Maputa, northern Zululand, Natal.

## TATERA RUWENZORII Thomas and Wroughton

*Tatera ruwenzorii* Thomas and Wroughton, Trans. Zool. Soc. London, 19: 500, Mar. 1910. Mokia, southeastern Ruwenzori, Uganda.

## TATERA SCHINZI (Noack)

*Gerbillus tenuis*, var. *schinzi* Noack, Zool. Jahrb., Syst., 4: 134, pl. 3, f. 13-16, 28 Feb. 1889. Kalahari Desert, Southwest Africa.

## TATERA SHOANA Wroughton

*Tatera shoana* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 492, May 1906. Jefir Medir, British Somaliland.

## TATERA SOROR G. M. Allen

*Tatera soror* G. M. Allen, Bull. Mus. Comp. Zool., 58: 333, text-f. 3, July 1914. Fazogli, Blue Nile, Anglo-Egyptian Sudan.

## TATERA SWAYTHLINGI (Kershaw)

*Taterona swaythlingi* Kershaw, Ann. Mag. Nat. Hist. (9) 8: 565, Nov. 1921. Morogoro, 150 miles west of Dar-es-Salaam, Tanganyika Territory.

## TATERA TABORÆ (Kershaw)

*Taterona taboræ* Kershaw, Ann. Mag. Nat. Hist. (9) 8: 566, Nov. 1921. Tabora, Tanganyika Territory.

## TATERA VALIDUS (Bocage)

*Gerbillus validus* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 2: no. 5, p. 6, pl. 1, f. 1, 1a, Sep. 1890. Ambaca, Quissange, Caconda, Rio Cuando, Angola:

## TATERA VICINA VICINA (Peters)

*Gerbillus vicinus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 200, 1878. Kitui, Ukambani, Kenya Colony.

*Tatera mombasæ* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 493, May 1906. Takangu, Kenya Colony.

## TATERA VICINA BODESSANA Frick

*Tatera vicina bodessana* Frick, Ann. Carnegie Mus., 9: 15, 6 June 1914. Boddessa, southern Abyssinia, 5000 ft.

## TATERA VICINA ICONICA Dollman

*Tatera iconica* Dollman, Ann. Mag. Nat. Hist. (8) 7: 521, May 1911. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony.



## TATERA VICINA MUANSÆ (Matschie)

*Gerbillus (Tatera) vicinus muansæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 333, Oct. 1911. Mwansa, south coast of Victoria Nyanza, Tanganyika Territory.

## TATERA VICINA POTHÆ Heller

*Tatera pothæ* Heller, Smithsonian Misc. Coll., 56: no. 9, p. 2, pl. 1, 4 figs., 22 July 1910. Potha, Kapiti Plains, Kenya Colony.

## TATERA WELMANNI (St. Leger)

*Taterona welmanni* St. Leger, Ann. Mag. Nat. Hist. (10) 3: 387, Apl. 1929. Maiduguri, northeastern Nigeria.

## Subgenus GERBILLISCUS Thomas

*Gerbilliscus* Thomas, Proc. Zool. Soc. London, p. 433, 1 Oct. 1897. Genotype *Tatera böhmii* (Noack).

## TATERA BÖHMI BÖHMI (Noack)

*Gerbillus böhmii* Noack, Zool. Jahrb., Syst., 2: 241, pl. 9, f. 11-13 (skull), 7 May 1887. Qua Mpala, Marunga, Northern Rhodesia.

## TATERA BÖHMI VARIA Heller

*Tatera varia* Heller, Smithsonian Misc. Coll., 56: no. 9, p. 1, pl. 1, 4 figs., 22 July 1910. Loletai plains, Southern Guaso Nyiro, Kenya Colony.

## TATERA FRATERCULUS (Thomas)

*Gerbillus (Gerbilliscus) fraterculus* Thomas, Proc. Zool. Soc. London, p. 392, 1 Oct. 1898. Songwe, northern Nyasaland.

## TATERILLUS Thomas

*Taterillus* Thomas, Ann. Mag. Nat. Hist. (8) 6: 222, Aug. 1910. Genotype *Gerbillus emini* Thomas.

*Taterina* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 152, 1916. Subgenus of *Gerbillus*, type *Gerbillus lorenzi* Wettstein.

See Wroughton, R. C. African gèrbils of the genera *Tatera* and *Taterillus*. Ann. Mag. Nat. Hist. (8) 6: 292-294, Sep. 1910 (with key to species of *Taterillus*).

## TATERILLUS BUTLERI Wroughton

*Taterillus butleri* Wroughton, Ann. Mag. Nat. Hist. (8) 6: 293, 294, Sep. 1910. Dugdug, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

*Gerbillus (Taterillus) kadugliensis* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 151, 1916. Kadugli, southern Kordofan, Anglo-Egyptian Sudan.

Regarded as a synonym of *Taterillus butleri* by Thomas and Hinton (Proc. Zool. Soc. London, p. 257, 6 July 1923).

*Gerbillus (Taterina) lorenzi* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 152, 1916. El Obeid, Kordofan, Anglo-Egyptian Sudan.

As to status see Thomas, O., and Hinton, M. A. C., Proc. Zool. Soc. London, p. 257, 6 July 1923.

**TATERILLUS CLIVOSUS** Thomas and Hinton

*Taterillus clivosus* Thomas and Hinton, Proc. Zool. Soc. London, p. 258, 6 July 1923. Jebel Marra, Darfur, Anglo-Egyptian Sudan.

**TATERILLUS CONGICUS** Thomas

*Taterillus congicus* Thomas, Ann. Mag. Nat. Hist. (8) 16: 147, Aug. 1915. Poko, Upper Uele River, Congo Belge.

**TATERILLUS EMINI EMINI** (Thomas)

*Gerbillus emini* Thomas, Ann. Mag. Nat. Hist. (6) 9: 78, Jan. 1892. Wadelai, Uganda.

**TATERILLUS EMINI ANTHONYI** Hatt

*Taterillus emini anthonyi* Hatt, Amer. Mus. Novitates, no. 708, p. 2, text-f., 4 Apl. 1934. White Nile, west bank, 20 miles south of Jebel Ain, Anglo-Egyptian Sudan.

**TATERILLUS EMINI ZAMMARANI** de Beaux

[*Taterillus emini*] *zammarani* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 61: 27, Feb. 1922. Dolo, southern Somaliland.

**TATERILLUS GRACILIS GRACILIS** (Thomas)

*Gerbillus gracilis* Thomas, Ann. Mag. Nat. Hist. (6) 9: 77, Jan. 1892. Gambia.

**TATERILLUS GRACILIS ANGELUS** Thomas and Hinton

*Taterillus gracilis angelus* Thomas and Hinton, Novitates Zool., 27: 317, 15 June 1920. Farniso, near Kano, northern Nigeria.

**TATERILLUS GYAS** Thomas

*Taterillus gyas* Thomas, Ann. Mag. Nat. Hist. (9) 2: 150, Aug. 1918. Kamisa, Dinder River, Anglo-Egyptian Sudan.

**TATERILLUS HARRINGTONI** (Thomas)

*Tatera harringtoni* Thomas, Ann. Mag. Nat. Hist. (7) 18: 303, Oct. 1906. Mutti Galeb, east of Lake Rudolf, Abyssinia.

**TATERILLUS LACUSTRIS** (Thomas and Wroughton)

*Tatera lacustris* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 378, May 1907. Lake Chad.

**TATERILLUS LOWEI** Dollman

*Taterillus lowei* Dollman, Abstr. Proc. Zool. Soc. London, no. 131, p. 25, 14 Apl. 1914; Proc. Zool. Soc. London, p. 312, 16 June 1914. Ten miles west of Ngamatak Hills, Turkwel River, Uganda.

**TATERILLUS MELANOPS** G. M. Allen

*Taterillus melanops* G. M. Allen, Bull. Mus. Comp. Zool., 54: 446, Apl. 1912. Meru River, Northern Guaso Nyiro, Kenya Colony.

**TATERILLUS NIGERIÆ** Thomas

*Taterillus nigeriae* Thomas, Ann. Mag. Nat. Hist. (8) 7: 459, May 1911. Kabir, northern Nigeria.

**TATERILLUS NUBILUS NUBILUS** Dollman

*Taterillus nubilus* Dollman, Ann. Mag. Nat. Hist. (8) 8: 656, Nov. 1911. Orr Valley, Mt. Nyiro, Kenya Colony.

**TATERILLUS NUBILUS ILLUSTRIS** Dollman

*Taterillus nubilus illustris* Dollman, Ann. Mag. Nat. Hist. (8) 8: 656, Nov. 1911. Twelve miles north of the Northern Guaso Nyiro, Kenya Colony.

**TATERILLUS OSGOODI** Wroughton

*Taterillus osgoodi* Wroughton, Ann. Mag. Nat. Hist. (8) 6: 293, Sep. 1910. Voi, Kenya Colony.

**TATERILLUS PERLUTEUS** Thomas and Hinton

*Taterillus perluteus* Thomas and Hinton, Proc. Zool. Soc. London, p. 259, 6 July 1923. Um Kedada, about 100 miles east of the capital, Darfur, Anglo-Egyptian Sudan.

**TATERILLUS RUFUS** (Wettstein)

*Gerbillus (Tatera) rufa* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 151, 1916. El Obeid, northern Kordofan, Anglo-Egyptian Sudan. As to status, see Thomas and Hinton, Proc. Zool. Soc. London, p. 259, 6 July 1923.

**TATERILLUS TENEBRICUS** Dollman

*Taterillus tenebricus* Dollman, Ann. Mag. Nat. Hist. (8) 7: 520, May 1911. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony.

## Subfamily OTOMYINÆ Groove-toothed Rats

See Thomas, Oldfield. A revised classification of the Otomyinæ, with descriptions of new genera and species. Ann. Mag. Nat. Hist. (9) 2: 203-211, Sep. 1918.

## MYOTOMYS Thomas

*Myotomys* Thomas, Ann. Mag. Nat. Hist. (9) 2: 204, 206, Sep. 1918. Genotype  
*Otomys unisulcatus* Brants.

## MYOTOMYS SLOGGETTI SLOGGETTI (Thomas)

*Otomys sloggetti* Thomas, Ann. Mag. Nat. Hist. (7) 10: 311, Oct. 1902. Deelfontein, Cape of Good Hope.

## MYOTOMYS SLOGGETTI BASUTICUS Roberts

*Myotomys sloggetti basuticus* Roberts, Ann. Transvaal Mus., 13: 110, 6 July 1929. Bolepeletsa, Basutoland, Cape of Good Hope.

## MYOTOMYS SLOGGETTI JEPPEI Roberts

*Myotomys sloggetti jeppeii* Roberts, Ann. Transvaal Mus., 13: 109, 6 July 1929. Jamestown, Cape of Good Hope.

## MYOTOMYS TURNERI (Wroughton)

*Otomys turneri* Wroughton, Ann. Mag. Nat. Hist. (7) 20: 31, July 1907. Aberfeldy, northeastern Orange Free State.

## MYOTOMYS UNISULCATUS UNISULCATUS (F. Cuvier)

*Otomys unisulcatus* F. Cuvier, Hist. Nat. des Mammifères, pt. 60, 1829. South Africa.

## MYOTOMYS UNISULCATUS BERGENSIS Roberts

*Myotomys unisulcatus bergensis* Roberts, Ann. Transvaal Mus., 13: 108, 6 July 1929. Lambert's Bay, Cape of Good Hope.

## MYOTOMYS UNISULCATUS BROOMI (Thomas)

*Otomys broomi* Thomas, Ann. Mag. Nat. Hist. (7) 10: 313, Oct. 1902. Port Nolloth, Little Namaqualand, Cape of Good Hope.

## MYOTOMYS UNISULCATUS GRANTII (Thomas)

*Otomys unisulcatus grantii* Thomas, Ann. Mag. Nat. Hist. (7) 10: 312, Oct. 1902. Deelfontein, Cape of Good Hope.

## OTOMYS F. Cuvier

*Otomys* F. Cuvier, Dents des Mammifères, p. 168, 255, pl. 60, 1823. Genotype *Euryotis irroratus* Brants.

*Euryotis* Brants, Het Geslacht der Muizen, p. 93, 1827. Genotype *Euryotis irroratus* Brants.

*Oreomys* Heuglin, Reise in Nordost-Afrika, 2: 76, 1877. Genotype *Oreomys typus* Heuglin.

*Oreinomys* Trouessart, Bull. Soc. d'Études Sci., Angers, 10: 111, 1880, and footnote. Substitute for *Oreomys* Heuglin, 1877, preoccupied.

See Wroughton, R. C. Notes on the genus *Otomys*. Ann. Mag. Nat. Hist. (7) 18: 264-278, Oct. 1906.

Thomas, O. On some new forms of *Otomys*. Ann. Mag. Nat. Hist. (7) 10: 311-314, 1902.

Dollman, Guy. On the swamp-rats (*Otomys*) of East Africa. Ann. Mag. Nat. Hist. (8) 15: 149-170, Jan. 1915.

## Subgenus ANCHOTOMYS Thomas

*Anchotomys* Thomas, Ann. Mag. Nat. Hist. (9) 2: 204, 208, Sep. 1918. As a subgenus of *Otomys*; type and only species *Otomys anchietæ* Bocage.

OTOMYS ANCHIETÆ ANCHIETÆ (Bocage)

*Euryotis anchietæ* Bocage, Journ. Sci. Phys., Math. e Nat., Lisboa, (1) 9: 26, July 1882. Caconda, Angola.

OTOMYS ANCHIETÆ LACUSTRIS G. M. Allen and Loveridge.

*Otomys* (*Anchotomys*) *anchietæ lacustris* G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 120, 7 Feb. 1933. Madehani, Ukinga Mts., north end of Lake Nyasa, Tanganyika Territory.

## Subgenus OTOMYS F. Cuvier

OTOMYS ANGONIENSIS ANGONIENSIS Wroughton

*Otomys irroratus angoniensis* Wroughton, Ann. Mag. Nat. Hist. (7) 18: 274, Oct. 1906. M'Kombhuie, Angoniland, Nyasaland.

*Otomys angoniensis* Dollman, Ann. Mag. Nat. Hist. (8) 15: 163, Jan. 1915.

OTOMYS ANGONIENSIS ELASSODON Osgood

*Otomys angoniensis elassodon* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 10, 16 Feb. 1910. Naivasha, Kenya Colony.

## OTOMYS BURTONI Thomas

*Otomys burtoni* Thomas, Ann. Mag. Nat. Hist. (9) 2: 210, Sep. 1918. Cameroonian Mts., French West Africa, 7000 ft.

For Sir Richard Burton.

## OTOMYS CUANZENSIS Hill and Carter

*Otomys cuanzensis* Hill and Carter, Amer. Mus. Novitates, no. 913, p. 7, f. 4, 8 Mar. 1937. Chitau, Angola, 4930 ft.

## OTOMYS DARTMOUTHII Thomas

*Otomys dartmouthi* Thomas, Ann. Mag. Nat. Hist. (7) 18: 141, Aug. 1906. Ruwenzori East, Uganda, 12,500 ft.

## OTOMYS DENTI Thomas

*Otomys denti* Thomas, Ann. Mag. Nat. Hist. (7) 18: 142, Aug. 1906. Ruwenzori East, Uganda, 6000 ft.

## OTOMYS DIVINORUM Thomas

*Otomys divinorum* Thomas, Ann. Mag. Nat. Hist. (8) 6: 311, Sep. 1910. Rombo, Mt. Kilimanjaro, Tanganyika Territory, 5300 ft.

## OTOMYS IRRORATUS IRRORATUS (Brants)

*E[uryotis] irroratus* Brants, Het Geslacht der Muizen, p. 94, pl., 1827. Uitenhage, Cape of Good Hope (see Roberts, Ann. Transvaal Mus., 13: 111, 6 July 1929).

*Otomys bisulcatus* F. Cuvier, Hist. Nat. des Mammifères, pt. 61, 1829.

*Euryotis typicus* A. Smith, South African Quart. Journ., 2: 149, 1834. Near Constantia, Orange Free State.

*Euryotis obscura* Lichtenstein, Verzeichn. Samml. d. Säugeth. u. Vögel n. Kaffernlande, p. 10, 1842. South Africa, "Kaffirland."

## OTOMYS IRRORATUS AURATUS Wroughton

*Otomys irroratus auratus* Wroughton, Ann. Mag. Nat. Hist. (7) 18: 272, Oct. 1906. Vredefort, Orange Free State.

## OTOMYS IRRORATUS CENOSUS Thomas

*Otomys irroratus cenosus* Thomas, Ann. Mag. Nat. Hist. (9) 2: 208, Sep. 1918. Kuruman, Bechuanaland.

## OTOMYS IRRORATUS CUPREUS Wroughton

*Otomys irroratus cupreus* Wroughton, Ann. Mag. Nat. Hist. (7) 18: 273, Oct. 1906. Zoutpansberg, Transvaal.



## OTOMYS IRRORATUS MAXIMUS Roberts

*Otomys irroratus maximus* Roberts, Ann. Transvaal Mus., 10: 70, 31 Jan. 1924.  
Machile River, northwestern Rhodesia.

## OTOMYS IRRORATUS NATALENSIS Roberts

*Otomys irroratus natalensis* Roberts, Ann. Transvaal Mus., 13: 111, 6 July 1929.  
Bilgobbin, Dargle district, Natal.

## OTOMYS IRRORATUS RANDENSIS Roberts

*Otomys irroratus randensis* Roberts, Ann. Transvaal Mus., 13: 112, 6 July 1929.  
Fontainebleau, Johannesburg, Transvaal.

## OTOMYS JACKSONI JACKSONI Thomas

*Otomys jacksoni* Thomas, Ann. Mag. Nat. Hist. (6) 7: 304, Mar. 1891. [Crater  
of] Mt. Elgon, Uganda side, 13,000 ft.

## OTOMYS JACKSONI HELLERI Frick

*Otomys jacksoni helleri* Frick, Ann. Carnegie Mus., 9: 10, pl. 3, f. 1-5, 6 June  
1914. Chilalo Divide Camp, Abyssinia, 9000 ft.

*Otomys jacksoni mearnsi* Frick, Ann. Carnegie Mus., 9: pl. 3, f. 1-5, 6 June  
1914 (accidental renaming of *O. jacksoni helleri* Frick).

## OTOMYS JACKSONI MALKENSIS Frick

*Otomys jacksoni malkensis* Frick, Ann. Carnegie Mus., 9: 11, text-f. 1, pl. 3,  
f. 6-10, 6 June 1914. Malka, Sidamo, Abyssinia (Ethiopia), 7000 ft.

## OTOMYS KAROENSIS Roberts

*Otomys karoensis* Roberts, Ann. Transvaal Mus., 14: 231, pl. 6, 7, 8, fig. b, 28  
July 1931. Wolseley, Cape of Good Hope.

## OTOMYS KEMPI Dollman

*Otomys kempi* Dollman, Ann. Mag. Nat. Hist. (8) 15: 152, Jan. 1915. Burunga,  
Mt. Mikeno, Congo Belge, 6000 ft.

## OTOMYS MASHONA Thomas

*Otomys mashona* Thomas, Ann. Mag. Nat. Hist. (9) 2: 210, Sep. 1918. Mazoë,  
Mashonaland, Southern Rhodesia.

## OTOMYS NYIKÆ NYIKÆ Wroughton

*Otomys irroratus nyikæ* Wroughton, Ann. Mag. Nat. Hist. (7) 18: 276, Oct.  
1906. Nyika Plateau, Nyasaland.

*Otomys nyikæ* Dollman, Ann. Mag. Nat. Hist. (8) 15: 164, Jan. 1915 (distinct  
species).

## OTOMYS NYIKÆ CANESCENS Osgood

*Otomys nyikæ canescens* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 10, 16 Feb. 1910. Kijabe, Kenya Colony.

## OTOMYS ORESTES ORESTES Thomas

*Otomys irroratus orestes* Thomas, Proc. Zool. Soc. London, p. 175, 1 June 1900. Teliki Valley, west slope of Mt. Kenya, Kenya Colony, 13,000 ft.

*Otomys orestes* Dollman, Ann. Mag. Nat. Hist. (8) 15: 156, Jan. 1915 (distinct species).

## OTOMYS ORESTES DOLLMANI Heller

*Otomys orestes dollmani* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 5, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony, 7000 ft.

## OTOMYS PERCIVALI Dollman

*Otomys percivali* Dollman, Ann. Mag. Nat. Hist. (8) 15: 168, Jan. 1915. Naivasha district, 12 miles south of Lake Olbollossat, Kenya Colony, 8700 ft.

## OTOMYS ROBERTSI Hewitt

*Otomys robertsi* Hewitt, Records Albany Mus., 3: 430, pl. 26, f. 3-4, 31 July 1927. Mont-aux-Sources, Orange Free State-Basuto Land border.

## OTOMYS ROWLEYI Thomas

*Otomys rowleyi* Thomas, Ann. Mag. Nat. Hist. (9) 2: 209, Sep. 1918. Coguno, Inhambane, Mozambique.

## OTOMYS RUBECULUS Dollman

*Otomys rubeculus* Dollman, Ann. Mag. Nat. Hist. (8) 15: 161, Jan. 1915. Kagambah, Uganda, 4800 ft.

## OTOMYS SILBERBAUERI Roberts

*Otomys silberbaueri* Roberts, Ann. Transvaal Mus., 6: 114, Apl. 1919. Lormarins, Pearl district, Cape of Good Hope.

## OTOMYS THOMASI THOMASI Osgood

*Otomys thomasi* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 9, 16 Feb. 1910. Molo, Kenya Colony.

## OTOMYS THOMASI MALLEUS Dollman

*Otomys thomasi malleus* Dollman, Ann. Mag. Nat. Hist. (8) 15: 154, Jan. 1915. Lake Olbollossat, Naivasha district, Kenya Colony.

## OTOMYS THOMASI SQUALUS Dollman

*Otomys thomasi squalus* Dollman, Ann. Mag. Nat. Hist. (8) 15: 155, Jan. 1915.  
Mt. Kinangop, Aberdare Range, Kenya Colony, 12,000 ft.

## OTOMYS TROPICALIS TROPICALIS Thomas

*Otomys irroratus tropicalis* Thomas, Ann. Mag. Nat. Hist. (7) 10: 314, Oct. 1902. West slope of Mt. Kenya, Kenya Colony, 10,000 ft.  
*Otomys tropicalis* Dollman, Ann. Mag. Nat. Hist. (8) 15: 157, Jan. 1915 (distinct species).

## OTOMYS TROPICALIS ELGONIS Wroughton

*Otomys irroratus elgonis* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 207, Feb. 1910. Elgonyi, Mt. Elgon, Kenya Colony, 7000 ft.

## OTOMYS TROPICALIS FARADJIUS Hatt

*Otomys tropicalis faradjius* Hatt, Amer. Mus. Novitates, no. 708, p. 1, 4 Apl. 1934. Faradje, Upper Uele district, Congo Belge.

## OTOMYS TROPICALIS GHIGII de Beaux

*Otomys tropicalis ghigii* de Beaux, Ann. Mus. Civ. Stor. Nat., Genova, 51: 213, 7 Mar. 1924. Bugala, Uganda.

## OTOMYS TROPICALIS NUBILUS Dollman

*Otomys tropicalis nubilus* Dollman, Ann. Mag. Nat. Hist. (8) 15: 160, Jan. 1915. Jombeni (Igembu) Range, northeast of Mt. Kenya, Kenya Colony, 6000 ft.

## OTOMYS TROPICALIS VIVAX Dollman

*Otomys tropicalis vivax* Dollman, Ann. Mag. Nat. Hist. (8) 15: 159, Jan. 1915. Mt. Nyiro, south of Lake Rudolf, Kenya Colony, 8000 ft.

## OTOMYS TROPICALIS VULCANICUS Lönnberg and Gyldenstolpe

*Otomys tropicalis vulcanicus* Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17 B: no. 5, p. 2, 2 May 1925. Mt. Sabinio, Birunga Volcanoes, Congo Belge.

## OTOMYS TUGELENSIS TUGELENSIS Roberts

*Otomys tugelensis* Roberts, Ann. Transvaal Mus., 13: 113, 6 July 1929. Klipspruit, Utrecht, Natal.

## OTOMYS TUGELENSIS PRETORIÆ Roberts

*Otomys tugelensis pretoriæ* Roberts, Ann. Transvaal Mus., 13: 114, 6 July 1929. Fountains Valley, Pretoria, Transvaal.

**OTOMYS TUGELENSIS SABIENSIS Roberts**

*Otomys tugelensis sabiensis* Roberts, Ann. Transvaal Mus., 13: 114, 6 July 1929. Mariepskop, Lydenburg district, Transvaal.

**OTOMYS TUGELENSIS SAUNDERSIÆ Roberts**

*Otomys tugelensis saundersiæ* Roberts, Ann. Transvaal Mus., 13: 115, 6 July 1929. Grahamstown, Cape Colony.

**OTOMYS TYPUS TYPUS (Heuglin)**

*Oreomys typus* Heuglin, Reise in Nordost-Afrika, 2: 77, 1877. Highlands of Simen, Shoa, Abyssinia.

*Otomys degeni* Thomas, Proc. Zool. Soc. London, for 1902, 2: 311, Apl. 1903; Ann. Mag. Nat. Hist. (7) 18: 302, Oct. 1906 (status). Gombitchu, Shoa, Abyssinia, 8000 ft.

**OTOMYS TYPUS FORTIOR Thomas**

*Otomys typus fortior* Thomas, Ann. Mag. Nat. Hist. (7) 18: 302, Oct. 1906. Charada, Kaffa, Abyssinia, 6000 ft.

*Otomys fortior* Dollman, Ann. Mag. Nat. Hist. (8) 15: 170, Jan. 1915 (species).

**Subgenus LAMOTOMYS Thomas**

*Lamotomys* Thomas, Ann. Mag. Nat. Hist. (9) 2: 208, Sep. 1918. As a subgenus of *Otomys*; type and only species *Otomys laminatus* Thomas and Schwann.

**OTOMYS LAMINATUS LAMINATUS Thomas and Schwann**

*Otomys laminatus* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 18, p. 23, 25 Apl. 1905; Proc. Zool. Soc. London, 1: 267, 10 Aug. 1905. Subudeni, Zululand, Natal.

**OTOMYS LAMINATUS MARIEPSI Roberts**

*Otomys (Lamotomys) laminatus mariepsi* Roberts, Ann. Transvaal Mus., 13: 110, 6 July 1929. Mariepskop, Lydenburg district, Transvaal.

**OTOMYS LAMINATUS PONDOENSIS Roberts**

*Otomys (Lamotomys) laminatus pondoensis* Roberts, Ann. Transvaal Mus., 10: 71, 31 Jan. 1924. Ngqueleni, western Pondoland, Cape of Good Hope.

**PAROTOMYS Thomas****Subgenus PAROTOMYS Thomas**

*Parotomys* Thomas, Ann. Mag. Nat. Hist. (9) 2: 204, Sep. 1918. Genotype *Euryotis brantsii* A. Smith.

## PAROTOMYS BRANTSII BRANTSII (A. Smith)

*Euryotis brantsii* A. Smith, Illustr. Zool. South Africa, Mamm., pl. 24 and text, Mar. 1840. Interior districts of South Africa.

*Euryotis pallida* Wagner, Arch. f. Naturgesch., 7: sect. 1, p. 134, 1841. South Africa.

*Otomys rufifrons* Rüppell, Mus. Senckenbergianum, 1: 28, 1842 (nomen nudum); Wagner, Schreber's Säugthiere, Suppl., 3: 507, 1843. Cape of Good Hope.

## PAROTOMYS BRANTSII DESERTI Roberts

*Parotomys brantsi deserti* Roberts, Ann. Transvaal Mus., 15: 267, 1 Aug. 1933. Bushman Pits, Kuruman River, long. 22° E., Bechuanaland.

## PAROTOMYS BRANTSII LUTEOLUS (Thomas and Schwann)

*Otomys brantsii luteolus* Thomas and Schwann, Proc. Zool. Soc. London, 1: 178, 9 June 1904. Deelfontein, Cape Colony.

## Subgenus LIOTOMYS Thomas

*Liotomys* Thomas, Ann. Mag. Nat. Hist. (9) 2: 204, 205, Sep. 1918. Subgenus of *Parotomys*; type *Parotomys littledalei* Thomas.

## PAROTOMYS LITLEDALEI LITLEDALEI Thomas

*Parotomys (Liotomys) littledalei* Thomas, Ann. Mag. Nat. Hist. (9) 2: 205, Sep. 1918. Tuin, Kenhart, Bushmanland, Cape of Good Hope.

## PAROTOMYS LITLEDALEI MOLOPENSIS Roberts

*Parotomys (Liotomys) littledalei molopensis* Roberts, Ann. Transvaal Mus., 15: 267, 1 Aug. 1933. Hakscheen Pan, near Rietfontein Police Post, west of Molopo River, Bechuanaland.

## PAROTOMYS LITLEDALEI NAMIBENSIS Roberts

*Parotomys (Liotomys) littledalei namibensis* Roberts, Ann. Transvaal Mus., 15: 268, 1 Aug. 1933. Swakopmund, Southwest Africa.

## Subfamily DENDROMURINÆ. Tree Mice

## BEAMYS Thomas

*Beamys* Thomas, Ann. Mag. Nat. Hist. (8) 4: 107, Aug. 1909. Genotype *Beamys hindei* Thomas.

## BEAMYS HINDEI Thomas

*Beamys hindei* Thomas, Ann. Mag. Nat. Hist. (8) 4: 108, Aug. 1909. Taveta, coast region, Kenya Colony, 2000 ft.

## BEAMYS MAJOR Dollman

*Beamys major* Dollman, Ann. Mag. Nat. Hist. (8) 14: 428, Nov. 1914. Mlanje, Nyasaland.

## DENDROMUS A. Smith. Tree Mice

*Dendromus* A. Smith, Zool. Journ., 4: 438, May 1829. Genotype *Dendromus typus* A. Smith = *Mus mesomelas* Brants.

*Dendromys* Smuts, Enumeratio Mamm. Capens., p. 39, 1832; substitute for *Dendromus*.

For key to *pumilio* and *mesomelas* groups, see Wroughton, R. C., Ann. Mag. Nat. Hist. (8) 3: 248, 249, Mar. 1909.

## Subgenus DENDROMUS A. Smith

*Dendromys* Thomas, Ann. Mag. Nat. Hist. (8) 18: 237, Aug. 1916. As a subgenus; type *Dendromus mesomelas* Brants. List of species given.

## DENDROMUS ANSORGEI Thomas and Wroughton

*Dendromus ansorgei* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 16: 173, Aug. 1905. Caconda, Benguela, Angola.

## DENDROMUS INSIGNIS INSIGNIS Thomas

*Dendromys insignis* Thomas, Ann. Mag. Nat. Hist. (7) 12: 341, Sep. 1903. Nandi, Kenya Colony.

## DENDROMUS INSIGNIS ABYSSINICUS Osgood

*Dendromus insignis abyssinicus* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 235, 28 Dec. 1936. East slope of Mt. Albasso, Chilalo Mts., Arussi, Ethiopia.

## DENDROMUS INSIGNIS KIVU Thomas

*Dendromus insignis kivu* Thomas, Ann. Mag. Nat. Hist. (8) 18: 242, Aug. 1916. Buhamba, Kivu region, Congo Belge.

## DENDROMUS INSIGNIS PERCIVALI Heller

*Dendromus mesomelas percivali* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 5, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony.

A synonym of *D. insignis* according to Thomas (Ann. Mag. Nat. Hist. (8) 18: 242, Aug. 1916).

## DENDROMUS JAMESONI JAMESONI Wroughton

*Dendromus jamesoni* Wroughton, Ann. Mag. Nat. Hist. (8) 3: 247, Mar. 1909. Zoutpansberg, Transvaal.



**DENDROMUS JAMESONI PONGOLENSIS** Roberts

*Dendromus jamesoni pongolensis* Roberts, Ann. Transvaal Mus., 14: 232, 28 July 1931. Pongola River, 15 miles west of Manaba, northern Zululand, Natal.

**DENDROMUS LEUCOSTOMUS** Monard

*Dendromus leucostomus* Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 55, text-f. 7, 8 (p. 65), 1932. Caluquembe, Angola.

**DENDROMUS LUNARIS** Osgood

*Dendromus lunaris* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 235, 28 Dec. 1936. Kalongi, Butagu valley, west slope of Mt. Ruwenzori, central Africa.

**DENDROMUS MESOMELAS MESOMELAS** (Brants)

*Mus mesomelas* Brants, Het Geslacht der Muizen, p. 123, 1827. Cape of Good Hope, near Zondags River.

*Dendromus typus* A. Smith, Zool. Journ., 4: 439, May 1829. South Africa.

*Dendromys typicus* A. Smith, South African Quart. Journ., 2: 158, 1834 (emendation).

*Dendromus ayresi* Roberts, Ann. Transvaal Mus., 4: 83, 20 Oct. 1913. Port St. John's, Cape of Good Hope. Synonym of *D. mesomelas* fide O. Thomas.

**DENDROMUS MESOMELAS MAJOR** St. Leger

*Dendromus mesomelas major* St. Leger, Ann. Mag. Nat. Hist. (10) 6: 622, Nov. 1930. Ssanukanu Village, Grootfontein district, Southwest Africa.

**DENDROMUS MESOMELAS VERNAYI** Hill and Carter

*Dendromus mesomelas vernayi* Hill and Carter, Amer. Mus. Novitates, no. 913, p. 4, 8 Mar. 1937. Chitau, Angola, 4930 ft.

**DENDROMUS MESSORIUS** Thomas

*Dendromys messorius* Thomas, Ann. Mag. Nat. Hist. (7) 12: 340, Sep. 1903. Efulen, Cameroons.

Range: Cameroons to northeastern Congo Belge.

**DENDROMUS NYASÆ** Thomas

*Dendromus nyasæ* Thomas, Ann. Mag. Nat. Hist. (8) 18: 241, Aug. 1916. Nyika Plateau, northern Nyasaland.

**DENDROMUS OREAS** Osgood

*Dendromus oreas* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 236, 28 Dec. 1936. Southwest side of Mt. Cameroon, Cameroon mandate, British Nigeria.

## Subgenus POËMYS Thomas

*Poëmys* Thomas, Ann. Mag. Nat. Hist. (8) 18: 238, Aug. 1916. As a subgenus of *Dendromus*; type *Dendromus melanotis* A. Smith.

Regarded as a genus by G. C. Shortridge (Mamm. South West Africa, 1: 250, footnote, 1934).

## DENDROMUS ACRÆUS Wroughton

*Dendromus acræus* Wroughton, Ann. Mag. Nat. Hist. (8) 4: 541, Dec. 1909.  
Kirui, Mt. Elgon, Kenya Colony, 6000 ft.

## DENDROMUS ANGOLENSIS Roberts

*Dendromus (Poëmys) angolensis* Roberts, Ann. Transvaal Mus., 13: 115, 6 July 1929. Mombola, Angola.

## DENDROMUS ARENARIUS Roberts

*Dendromus (Poëmys) arenarius* Roberts, Ann. Transvaal Mus., 10: 71, 31 Jan. 1924. South Africa, no locality given.

## DENDROMUS CONCINNUS Thomas

*Dendromus (Poëmys) concinnus* Thomas, Proc. Zool. Soc. London, p. 299, 29 Apl. 1926. Otjumbumbi, Cunene River, Southwest Africa.

## DENDROMUS EXONERATUS Thomas

*Dendromus (Poëmys) exoneratus* Thomas, Ann. Mag. Nat. Hist. (9) 2: 59, July 1918. Panyam, Bauchi Province, northern Nigeria.

## DENDROMUS HAYMANI Hatt

*Dendromus haymani* Hatt, Amer. Mus. Novitates, no. 708, p. 13, 4 Apl. 1934. Mbogo, Congo Belge, 1° N., 30° E.

## DENDROMUS LINEATUS Heller

*Dendromus lineatus* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 4, 28 Feb. 1911. Rhino Camp, Lado Enclave.

## DENDROMUS LONGICAUDATUS Roberts

*Dendromus longicaudatus* Roberts, Ann. Transvaal Mus., 4: 83, 20 Oct. 1913. Tzaneen Estate, Transvaal. *Synonym of D. melanotis* fide Thomas.

## DENDROMUS MELANOTIS MELANOTIS A. Smith.

*Dendromys melanotis* A. Smith, South African Quart. Journ., 2: 158, 1834. Port Natal, Natal.

*Dendromys subtilis* Sundevall, Öfvers. Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 5, pl. 120, 1846. No locality beyond South Africa.

## DENDROMUS MELANOTIS BASUTICUS Roberts

*Dendromus melanotis basuticus* Roberts, Records Albany Mus., 3: 484, 31 July 1927. Thaba Putsua Mt., Basutoland, Cape of Good Hope.

## DENDROMUS MELANOTIS CAPENSIS Roberts

*Dendromus melanotis capensis* Roberts, Ann. Transvaal Mus., 14: 232, 28 July 1931. Wolseley, Cape of Good Hope.

## DENDROMUS MELANOTIS CHIVERSI Roberts

*Dendromus (Poëmys) melanotis chiversi* Roberts, Ann. Transvaal Mus., 13: 116, 6 July 1929. Vlaktefontein, Parys district, Orange Free State.

## DENDROMUS MELANOTIS PRETORIÆ Roberts

*Dendromus melanotis pretoriæ* Roberts, Ann. Transvaal Mus., 14: 232, 28 July 1931. Rietondale, Pretoria, Transvaal.

## DENDROMUS MELANOTIS THORNTONI Roberts

*Dendromus melanotis thornstoni* Roberts, Ann. Transvaal Mus., 14: 231, 28 July 1931. Port Elizabeth, Cape of Good Hope.

## DENDROMUS MYSTACALIS Heuglin

*Dendromys mystacalis* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 30: art. 2, suppl., p. 5, 1863. Bäschlo region, Abyssinia.

## DENDROMUS NAIROBÆ Osgood

*Dendromus nairobæ* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 7, 16 Feb. 1910. Nairobi, Kenya Colony.

## DENDROMUS NIGRIFRONS NIGRIFRONS True

*Dendromys nigrifrons* True, Proc. U. S. Nat. Mus., 15: 462, text-f. 2, 26 Oct. 1892. Mt. Kilimanjaro, Tanganyika Territory.

## DENDROMUS NIGRIFRONS SHORTRIDGEI St. Leger

*Dendromus (Poëmys) nigrifrons shortridgei* St. Leger, Ann. Mag. Nat. Hist. (10) 6: 622, Nov. 1930. Ssanukanu Village, Grootfontein district, Southwest Africa.

## DENDROMUS NIGRIFRONS SPECTABILIS Heller

*Dendromus spectabilis* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 3, 28 Feb. 1911. Rhino Camp, Lado Enclave.

## DENDROMUS NIGRIFRONS VULTURNUS Thomas

*Dendromus (Poëmys) nigrifrons vulturinus* Thomas, Ann. Mag. Nat. Hist. (8) 18: 242, Aug. 1916. Chirinda Forest, Melsetter, Rhodesia.

**DENDROMUS NYIKÆ** Wroughton

*Dendromus nyikæ* Wroughton, Ann. Mag. Nat. Hist. (8) 3: 248, Mar. 1909.  
Nyika Plateau, northern Nyasaland.

**DENDROMUS OCHROPUS** Osgood

*Dendromus ochropus* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 6, 16  
Feb. 1910. Lake Elmenteita, Kenya Colony.

**DENDROMUS PALLIDUS** Heuglin

*Dendromys pallidus* Heuglin, Reise in Nordost-Afrika, 2: 74, 1877. Middle  
Tigré River, Abyssinia (in weaver-bird nests).

**DENDROMUS PECILEI** Milne-Edwards

*Dendromys pecilei* Milne-Edwards, Revue Scientifique, 38 = (3) 12: 16, 3 July  
1886. Pousargues, Ann. des Sci. Nat., zool. (8) 3: 385-391, 1896. Lower  
Congo to Ogowe River.

**DENDROMUS PUMILIO PUMILIO** (Wagner)

*Dendromys pumilio* Wagner, Gelehrte Anzeigen, München, 12: no. 54, col. 437,  
17 Mar. 1841. Cape of Good Hope.

**DENDROMUS RUDDI** Wroughton

*Dendromus ruddi* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 275, Mar. 1910.  
Malikisi, Mt. Elgon, Kenya Colony, 5000 ft.

**DENDROMUS WHYTEI WHYTEI** Wroughton

*Dendromus whytei* Wroughton, Ann. Mag. Nat. Hist. (8) 3: 247, Mar. 1909.  
Fort Hill, Nyasaland.

**DENDROMUS WHYTEI CAPITIS** Heller

*Dendromus whytei capitis* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 6, 5  
July 1912. Mt. Lololokui, Mathews Range, Kenya Colony, 6000 ft.

**DENDROMUS WHYTEI PALLESCENS** Osgood

*Dendromus whytei pallescens* Osgood, Publ. Field Mus. Nat. Hist., zool. ser.,  
10: no. 2, p. 7, 16 Feb. 1910. Lukenya Mt., Ulukenia Hills, Kenya Colony.

**Subgenus CHORTOMYS** Thomas

*Chortomys* Thomas, Ann. Mag. Nat. Hist. (8) 18: 238, Aug. 1916. Subgenus of  
*Dendromus*, type *Dendromus lovati* De Winton.

**DENDROMUS LOVATI** De Winton

*Dendromys lovati* De Winton, Proc. Zool. Soc. London, p. 82, pl. 10, 1 June  
1900. Managasha, southern Abyssinia, 7000 ft.

## DEOMYS Thomas

*Deomys* Thomas, Proc. Zool. Soc. London, p. 130, pl. 5, 1 June 1888. Genotype  
*Deomys ferrugineus* Thomas.

## DEOMYS FERRUGINEUS FERRUGINEUS Thomas

*Deomys ferrugineus* Thomas, Proc. Zool. Soc. London, p. 130, pl. 5, 1 June 1888.  
Lower Congo.

## DEOMYS FERRUGINEUS CHRISTYI Thomas

*Deomys christyi* Thomas, Ann. Mag. Nat. Hist. (8) 16: 150, Aug. 1915. Poko,  
Uele River, Congo Belge.

## LEIMACOMYS Matschie

*Leimacomys* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 107, 1893. Genotype  
*Leimacomys büttneri* Matschie.

*Limacomys* Lydekker, Zool. Record, 30: Mamm., p. 31, 1894 (emendation).

## LEIMACOMYS BÜTTNERI Matschie

*Leimacomys büttneri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 109,  
1893. Bismarckburg, Togo, Dahomey.

## MALACOTHRIX Wagner

*Malacothrix* Wagner, Schreber's Säugthiere, Suppl., 3: 496, 1843. Genotype  
*Otomys typicus* A. Smith. (See W. L. Sclater, Mammals South Africa, 2:  
34, 1901).

## MALACOTHRIX PENTONYX W. L. Sclater

*Malacothrix pentonyx* W. L. Sclater, Ann. South African Mus., 1: 202, Mar.  
1899. Cape Flats near Cape Town, Cape of Good Hope.

## MALACOTHRIX TYPICUS TYPICUS (A. Smith)

*Otomys typicus* A. Smith, South African Quart. Journ., 2: 148, 1834. District  
east of Graaff-Remet, South Africa.

## MALACOTHRIX TYPICUS DAMARENSIS Roberts

*Malacothrix typicus damarensis* Roberts, Ann. Transvaal Mus., 15: 10, 1 Oct.  
1932. Gobabis, Southwest Africa.

## MALACOTHRIX TYPICUS EGERIA Thomas

*Malacothrix egeria* Thomas, Proc. Zool. Soc. London, p. 301, 29 Apl. 1926.  
Ondongwa, central Ovamboland, Southwest Africa.

Regarded as a subspecies of *typicus* by Roberts.

## MALACOTHRIX TYPICUS FRYI Roberts

*Malacothrix typicus fryi* Roberts, Ann. Transvaal Mus., 5: 268, 16 May 1917.  
Klipriviersoog, Krugersdorp district, Transvaal.

## MALACOTHRIX TYPICUS KALAHARICUS Roberts

*Malacothrix typicus kalaharicus* Roberts, Ann. Transvaal Mus., 15: 10, 1 Oct. 1932. Kuke Pan, central Kalahari, Bechuanaland.

## MALACOTHRIX TYPICUS MOLOPENSIS Roberts

*Malacothrix typicus molopensis* Roberts, Ann. Transvaal Mus., 15: 266, 1 Aug. 1933. Eight miles west of Pitsani, Molopo River, Bechuanaland.

## PETROMYSCUS Thomas. Rock Mice

*Petromyscus* Thomas, Ann. Mag. Nat. Hist. (9) 17: 179, Jan. 1926. Genotype  
*Praomys collinus* Thomas and Hinton; affinities with *Dendromyinae*  
(ibid., p. 175).

## PETROMYSCUS COLLINUS COLLINUS (Thomas and Hinton)

*Praomys collinus* Thomas and Hinton, Proc. Zool. Soc. London, p. 237, 3 Apl. 1925. Karibib, Southwest Africa.

## PETROMYSCUS COLLINUS BRUCHUS (Thomas and Hinton)

*Praomys collinus bruchus* Thomas and Hinton, p. 238, 3 Apl. 1925. Great Brukaros Mt., Southwest Africa.

## PETROMYSCUS MONTICULARIS (Thomas and Hinton)

*Praomys monticularis* Thomas and Hinton, Proc. Zool. Soc. London, p. 238, 3 Apl. 1925. Great Brukaros Mt., near Berseba, Southwest Africa.

## PETROMYSCUS SHORTRIDGEI Thomas

*Petromyscus shortridgei* Thomas, Proc. Zool. Soc. London, p. 302, 29 Apl. 1926. Cunene Falls, northwestern Ovamboland, Southwest Africa.

## PRIONOMYS Dollman

*Prionomys* Dollman, Ann. Mag. Nat. Hist. (8) 6: 226, Aug. 1910. Genotype  
*Prionomys batesi* Dollman.

## PRIONOMYS BATESI Dollman

*Prionomys batesi* Dollman, Ann. Mag. Nat. Hist. (8) 6: 228, Aug. 1910.  
Bitye, Ja River, Cameroons, 2000 ft.



## SACCOSTOMUS Peters

*Saccostomus* Peters, Ber. über Verh. K. Preuss. Akad. Wiss., Berlin, p. 258, 1846. Genotype *Saccostomus campestris* Peters.

*Eosacomys* Palmer, Science, new ser., 17: 873, 29 May 1903, to replace *Saccostomus* Peters, supposed to be preoccupied by *Saccostoma* Fitzinger, 1843, in reptiles.

## SACCOSTOMUS ANDERSSONI ANDERSSONI De Winton

*Saccostomus anderssoni* De Winton, Ann. Mag. Nat. Hist. (7) 2: 6, footnote, July 1898. Damaraland.

## SACCOSTOMUS ANDERSSONI HILDÆ Schwann

*Saccostomus hildæ* Schwann, Proc. Zool. Soc. London, p. 110, 7 June 1906, Kuruman, southern Bechuanaland.

## SACCOSTOMUS ANDERSSONI PAGEI Thomas and Hinton

*Saccostomus pagei* Thomas and Hinton, Proc. Zool. Soc. London, p. 495, 3 Sep. 1923. Lehutitung, northern Bechuanaland.

## SACCOSTOMUS CAMPESTRIS Peters

*Saccostomus campestris* Peters, Ber. über Verhandl. K. Preuss. Akad. Wiss., Berlin, p. 258, Aug. 1846. Tette, Mozambique.

*Saccostomus lapidarius* Peters, Reise nach Mossambique, Säugeth., p. 167, pl. 34, f. 3; pl. 35, f. 12, 1852. Sena, Tette, Macanga and Boror, Mozambique.

## SACCOSTOMUS CRICETULUS G. M. Allen and Lawrence

*Saccostomus cricetulus* G. M. Allen and Lawrence, Bull. Mus. Comp. Zool., 79: 100, 30 Jan. 1936. South bank of Greeki River, Sabei district, north of Mt. Elgon, Uganda.

## SACCOSTOMUS ELEGANS Thomas

*Saccostomus elegans* Thomas, Proc. Zool. Soc. London, p. 431, 1 Oct. 1897. Karonga, Lake Nyasa, northern Nyasaland.

## SACCOSTOMUS FUSCUS Peters

*Saccostomus fuscus* Peters, Reise nach Mossambique, Säugeth., p. 168, pl. 36, f. 4; pl. 35, f. 13, 1852. Inhambane, Mozambique.

## SACCOSTOMUS ISIOLÆ Heller

*Saccostomus isiolæ* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 14, 5 July 1912. Isiola River, Northern Guaso Nyiro, Kenya Colony.

## SACCOSTOMUS LIMPOPOENSIS Roberts

*Saccostomus limpopoensis* Roberts, Ann. Transvaal Mus., 4: 183, 22 Aug. 1914.  
Sand River, northeastern Transvaal.

## SACCOSTOMUS MASHONÆ De Winton

*Saccostomus mashonæ* De Winton, Proc. Zool. Soc. London, for 1896, p. 804,  
Apl. 1897. Mazoe, Mashonaland, Rhodesia.

## SACCOSTOMUS MEARNSI Heller

*Saccostomus mearnsi* Heller, Smithsonian Misc. Coll., 54: no. 1924, p. 3, pl. 2,  
f. b, 28 Feb. 1910. Changamwe, Kenya Colony.

## SACCOSTOMUS STREETERI Roberts

*Saccostomus streeteri* Roberts, Ann. Transvaal Mus., 4: 183, 22 Aug. 1914.  
Hector Spruit, Transvaal.

## SACCOSTOMUS UMBRIVENTER Miller

*Saccostomus umbriventer* Miller, Smithsonian Misc. Coll., 54: no. 1925, p. 1,  
pl. 1, f. a, 28 Feb. 1910. Njori Osolali, Sotik, Kenya Colony.

## STEATOMYS Peters. Fat Mice

*Steatomys* Peters, Ber. über Verh. K. Preuss. Akad. Wiss., Berlin, p. 258,  
Aug. 1846. Genotype *Steatomys pratensis* Peters.

## STEATOMYS ANGOLENSIS ANGOLENSIS Hill and Carter

*Steatomys angolensis* Hill and Carter, Amer. Mus. Novitates, no. 913, p. 5,  
8 Mar. 1937. Chitau, Angola, 4930 ft.

## STEATOMYS ANGOLENSIS BRADLEYI Hill and Carter

*Steatomys angolensis bradleyi* Hill and Carter, Amer. Mus. Novitates, no. 913,  
p. 5, 8 Mar. 1937. Humpata, Angola, 6300 ft.

## STEATOMYS AQUILUS Thomas and Hinton

*Steatomys aquilus* Thomas and Hinton, Proc. Zool. Soc. London, p. 264, 6 July  
1923. Niurmeya, Jebel Marra, Darfur, Anglo-Egyptian Sudan.

## STEATOMYS ATHI Heller

*Steatomys athi* Heller, Smithsonian Misc. Coll., 54: no. 1924, p. 3, pl. 2, f.c,  
28 Feb. 1910. Lukenia Hills, Athi Plains, Kenya Colony.

## STEATOMYS BOCAGEI Thomas

*Steatomys bocagei* Thomas, Ann. Mag. Nat. Hist. (6) 10: 264, Sep. 1892.  
Caconda, Angola.

## STEATOMYS CAURINUS Thomas

*Steatomys caurinus* Thomas, Ann. Mag. Nat. Hist. (8) 9: 271, Feb. 1912.  
Panyam Plateau, northern Nigeria.

## STEATOMYS CHIVERSI CHIVERSI Roberts

*Steatomys chiversi* Roberts, Ann. Transvaal Mus., 14: 233, 28 July 1931. Blood  
River, Natal.

## STEATOMYS CHIVERSI TONGENSIS Roberts

*Steatomys chiversi tongensis* Roberts, Ann. Transvaal Mus., 14: 233, 28 July  
1931. Manaba, northern Zululand, Natal.

## STEATOMYS CUPPEDIUS Thomas and Hinton

*Steatomys cuppedius* Thomas and Hinton, Novitates Zool., 27: 318, 15 June  
1920. Farniso near Kano, northern Nigeria.

## STEATOMYS GAZELLÆ Thomas and Hinton

*Steatomys gazellæ* Thomas and Hinton, Proc. Zool. Soc. London, p. 265, 6 July  
1923. Tamburas, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

## STEATOMYS JACKSONI Hayman

*Steatomys jacksoni* Hayman, Proc. Zool. Soc. London, for 1935, p. 930, 10 Jan.  
1936. Wenchi, Ashanti, Gold Coast.

## STEATOMYS KREBSII KREBSII Peters

*Steatomys krebsii* Peters, Reise nach Mossambique, Säugeth., p. 165, pl. 36,  
f. 3, 1852. Interior of Caffraria, South Africa.

## STEATOMYS KREBSII KALAHARICUS Roberts

*Steatomys krebsi kalaharicus* Roberts, Ann. Transvaal Mus., 15: 11, 1 Oct.  
1932. Central Kalahari, 25 miles west of Damara Pan, Bechuanaland.

## STEATOMYS KREBSII ORANGLE Roberts

*Steatomys krebsi orangia* Roberts, Ann. Transvaal Mus., 13: 116, 6 July 1929.  
"Angra Pequena," Bothaville district, Orange Free State.

## STEATOMYS KREBSII TRANSVAALENSIS Roberts

*Steatomys krebsi transvaalensis* Roberts, Ann. Transvaal Mus., 13: 117, 6  
July 1929. Witfontein, Randfontein, Transvaal.

## STEATOMYS LOVERIDGEI Thomas

*Steatomys loveridgei* Thomas, Ann. Mag. Nat. Hist. (9) 4: 33, July 1919.  
Lumbo, Mozambique.

**STEATOMYS MINUTUS MINUTUS** Thomas and Wroughton

*Steatomys minutus* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 16: 174, Aug. 1905. Fort Quillenges, Benguella, Angola.

**STEATOMYS MINUTUS LEUCORHYNCHUS** Hill and Carter

*Steatomys minutus leucorhynchus* Hill and Carter, Amer. Mus. Novitates, no. 913, p. 4, 8 Mar. 1937. Capelongo, Huilla district, Angola.

**STEATOMYS MUANZÆ** Kershaw

*Steatomys muanzæ* Kershaw, Ann. Mag. Nat. Hist. (9) 12: 535, Oct. 1923. Nyambita, Mwanza, Tanganyika Territory.

**STEATOMYS NATALENSIS** Roberts

*Steatomys natalensis* Roberts, Ann. Transvaal Mus., 13: 117, 6 July 1929. Bergville, Natal.

**STEATOMYS OPIMUS** Pousargues

*Steatomys opimus* Pousargues, Bull. Soc. Zool. de France, 19: 131, Oct. 1894. Near Balao, Dakoas district, 5° 26' N., 17° 40' E., Congo.

**STEATOMYS PARVUS** Rhoads

*Steatomys parvus* Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 529, 8 Dec. 1896. Rusia, Lake Rudolf, Abyssinia.

**STEATOMYS PRATENSIS PRATENSIS** Peters

*Steatomys pratensis* Peters, Ber. über Verh. K. Preuss. Akad. Wiss., Berlin, p. 258, Aug. 1846; Reise nach Mossambique, Säugeth., p. 162, pl. 34, f. 2; pl. 35, f. 11; pl. 36, f. 3, 1852. Tette, Mozambique.

*Steatomys edulis* Peters, Reise nach Mossambique, Säugeth., p. 163, pl. 34, f. 2; pl. 35, f. 11, 1852 (substitute for *S. pratensis* Peters). Sena, Tette, Macanga, Mozambique.

**STEATOMYS PRATENSIS KASAICUS** Hatt

*Steatomys pratensis kasaicus* Hatt, Amer. Mus. Novitates, no. 708, p. 15, 4 Apl. 1934. Luluabourg, Kasai district, Congo Belge.

**STEATOMYS PRATENSIS MAUNENSIS** Roberts

*Steatomys pratensis maunensis* Roberts, Ann. Transvaal Mus., 15: 11, 1 Oct. 1932. Shorobe, Maun district, Ngamiland, Bechuanaland.

**STEATOMYS SWALIUS** Thomas

*Steatomys swalius* Thomas, Proc. Zool. Soc. London, p. 300, 29 Apl. 1926. Ondongwa, Ovamboland, Southwest Africa.

*Steatomys swalius umbratus* Thomas, Proc. Zool. Soc. London, p. 301, 29 Apl. 1926. Cunene Falls, northwestern Ovamboland, Southwest Africa.

Synonym of *S. swalius* fide Shortridge, G. C., Mamm. South West Africa, 1: 259, footnote, 1934.

## Family RHIZOMYIDÆ. Mole-rats

## Subfamily TACHYORYCTINÆ

## TACHYORYCTES Rüppell. African Mole-rats

*Tachyoryctes* Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, Säugeeth., p. 35, footnote, 1835. Genotype *Bathyergus splendens* Rüppell. *Chrysomys* Gray, List Spec. Mamm. Brit. Mus., pp. xxvi, 150, 13 May 1843. Genotype *Bathyergus splendens* Rüppell.

"When collections have been made over all parts of British East Africa and Abyssinia\* numerous forms will doubtless be connected by complete chains of intergrades and the final monographer of the genus will be obliged to reduce many of the named forms to the rank of subspecies" (Hollister, N., Bull. U.S. Nat. Mus., no. 99, pt. 2, p. 40, 1919).

## TACHYORYCTES ANKOLÆ Thomas

*Tachyoryctes ankolæ* Thomas, Ann. Mag. Nat. Hist. (8) 4: 545, Dec. 1909. Burumba, Ankole, southern Uganda.

## TACHYORYCTES ANNECTENS (Thomas)

*Rhizomys annectens* Thomas, Ann. Mag. Nat. Hist. (6) 7: 304, Mar. 1891. "Either Massai-land or inland," Kenya Colony.

## TACHYORYCTES AUDAX Thomas

*Tachyoryctes audax* Thomas, Ann. Mag. Nat. Hist. (8) 5: 421, May 1910. Top of Aberdare Range, Kenya Colony, 10,000 ft.  
(See footnote for corrected condylobasal lengths of various forms.)

## TACHYORYCTES CHEESMANI CHEESMANI Thomas

*Tachyoryctes cheesmani* Thomas, Ann. Mag. Nat. Hist. (10) 1: 302, Feb. 1928. Dangila, Abyssinia.

## TACHYORYCTES CHEESMANI GALLARUM Osgood

*Tachyoryctes cheesmani gallarum* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 233, 28 Dec. 1936. Mt. Albasso, northeastern Chilalo Mts., Arussi, Ethiopia.

## TACHYORYCTES DÆMON Thomas

*Tachyoryctes dæmon* Thomas, Ann. Mag. Nat. Hist. (8) 4: 545, Dec. 1909. Mt. Kilimanjaro, Tanganyika Territory, 5000 ft.

## TACHYORYCTES MACROCEPHALUS MACROCEPHALUS (Rüppell)

*Rhizomys macrocephalus* Rüppell, Mus. Senckenbergianum, 3: 97, 115, pl. 8, f. 2; pl. 10, f. 2, 1842. Shoa, Abyssinia.

## TACHYORYCTES MACROCEPHALUS HECKI Neumann and Rümmler

*Tachyoryctes macrocephalus hecki* Neumann and Rümmler, Zeitschr. f. Säugetierk., 3: 302, text-f. 7-8, 11 June 1928. Abakkara, about 150 km. west of Lake Abassi, between Djamdjam and Arussi Galla, Abyssinia.

## TACHYORYCTES NAIVASHÆ Thomas

*Tachyoryctes naivashæ* Thomas, Ann. Mag. Nat. Hist. (8) 4: 547, Dec. 1909. Lake Naivasha, Kenya Colony.

## TACHYORYCTES PONTIFEX Neumann and Rümmler

*Tachyoryctes pontifex* Neumann and Rümmler, Zeitschr. f. Säugethierk., 3: 300, text-f. 5-6, 11 June 1928. Buka, Kaffa, Abyssinia.

## TACHYORYCTES REX Heller

*Tachyoryctes rex* Heller, Smithsonian Misc. Coll., 56: no. 9, p. 4, pl. 3, 4 figs., 22 July 1910. Western slope of Mt. Kenya, Kenya Colony, 10,000 ft.

## TACHYORYCTES RUANDÆ Lönnerberg and Gyldenstolpe

*Tachyoryctes ruandæ* Lönnerberg and Gyldenstolpe, Arkiv f. Zool., 17 B: no. 5, p. 6, 2 May 1925. Mt. Muhavura, British Ruanda.

## TACHYORYCTES RUDDI RUDDI Thomas

*Tachyoryctes ruddi* Thomas, Ann. Mag. Nat. Hist. (8) 4: 546, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 ft.

## TACHYORYCTES RUDDI BADIUS Thomas

*Tachyoryctes ruddi badius* Thomas, Ann. Mag. Nat. Hist. (8) 4: 546, Dec. 1909. Eldoma Ravine, Kenya Colony, 7200 ft.

## TACHYORYCTES SPALACINUS Thomas

*Tachyoryctes spalacinus* Thomas, Ann. Mag. Nat. Hist. (8) 4: 547, Dec. 1909. Embi = Embu, near Mt. Kenya, Kenya Colony, 5400 ft.

## TACHYORYCTES SPLENDENS SPLENDENS (Rüppell)

*Bathyergus splendens* Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, 1: Säugeth., p. 36, pl. 12, 1835. Gondar, Dembea Province, Abyssinia.

## TACHYORYCTES SPLENDENS CANICAUDUS Osgood

*Tachyoryctes splendens canicaudus* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 232, 28 Dec. 1936. Sirre, Awash valley, northern Arussi, Ethiopia.

## TACHYORYCTES SPLENDENS IBEANUS Thomas

*Tachyoryctes splendens ibeanus* Thomas, Proc. Zool. Soc. London, p. 179, text-f. (skull), 1 June 1900. Machakos, Kenya Colony.



TACHYORYCTES SPLENDENS OMOENSIS Neumann and Rümmler

*Tachyoryctes splendens omoensis* Neumann and Rümmler, Zeitschr. f. Säugetierk., 3: 297, text- f. 3-4, 11 June 1928. Bolagoschana, Doko, Abyssinia.

TACHYORYCTES SPLENDENS SOMALICUS Osgood

*Tachyoryctes splendens somalicus* Osgood, Ann. Mag. Nat. Hist. (8) 5: 276, Mar. 1910. Ujawai, about 100 miles southwest of Berbera, British Somaliland.

TACHYORYCTES STOREYI Thomas

*Tachyoryctes storeyi* Thomas, Ann. Mag. Nat. Hist. (8) 4: 547, Dec. 1909. Lake Elmenteita, Kenya Colony.

### Family SPALACIDÆ. Blind Mole-rats

#### Subfamily SPALACINÆ

#### SPALAX Güldenstädt. Blind Mole-rats

*Spalax* Güldenstädt, Novi Comment. Acad. Sci. Petropolitanæ, 14: pt. 1, p. 409, pls. 8, 9, 1770. Genotype *Spalax microphthalmus* Güldenstädt = *Mus typhlus* Pallas.

*Ommatostergus* Nordmann, in Keyserling and Blasius's Wirbelth. Europas, pp. vii, 31, 1840. Genotype *Ommatostergus pallasii* Nordmann.

*Microspalax* Mchely, Species Generis *Spalax*, p. 22, 1909.

No genotype specified, but included four forms, one of which is *S. ægyptiacus*. Preoccupied by *Microspalax* Megnin and Trouessart, 1884, in Arachnida.

*Ujhelyiana* Strand, Arch. f. Naturgesch., 88: sect. A, pt. 4, p. 142, June 1922. To replace *Microspalax* Megnin and Trouessart; ? misprint for *Mehelyiana*.

SPALAX ÆGYPTIACUS Nehring. Egyptian Blind-rat

*Spalax ægyptiacus* Nehring, Sitzb. Ges. Naturf. Freunde, Berlin, p. 180, 1897. Ramleh, near Alexandria, Lower Egypt.

Range: Northwestern Lower Egypt and Cyrenaica in Libya.

### Family MURIDÆ. Typical Rats

#### Subfamily MURINÆ

For a key to the subgenera of African rats then included in *Rattus*, see Thomas, O., Ann. Mag. Nat. Hist. (8) 16: 477, Dec. 1915.

See Thomas, O. The generic position of certain African Muridæ, hitherto referred to *Aethomys* and *Praomys*. Ann. Mag. Nat. Hist. (9) 17: 174-179, Jan. 1926.

## ACOMYS I. Geoffroy. Spiny Mice

*Acomys* I. Geoffroy, Ann. des Sci. Nat., Zool., (2) 10: 126, Aug. 1838. Genotype *Mus cahirinus* Desmarest.

*Acanthomys* Lesson, Nouv. Tabl. Règne Animal, Mamm., p. 135, 1842. Genotype not specified; included five species, one of them an *Acomys*, of which it is a part synonym.

See Dollman, Guy. On the Spiny Mice of British East Africa, with a description of a new species from Magadi. Ann. Mag. Nat. Hist. (8) 14: 485-489, Dec. 1914 (key).

## ACOMYS AIRENSIS Thomas and Hinton

*Acomys airensis* Thomas and Hinton, Novitates Zool., 28: 8, 14 May 1921: Mt. Baguezan, Asben, northern Nigeria.

## ACOMYS ALBIGENA Heuglin

*Acomys albigena* Heuglin, Reise in Nordost-Afrika, 2: 69, 1877. Bogos country, Abyssinia.

## ACOMYS BOVONEI de Beaux

*Acomys bovinei* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 73: 280, pl. 8, f. A.b; pl. 9, f. A.b, Dec. 1934. El Bur, southern Italian Somaliland.

## ACOMYS BROCKMANI Dollman

*Acomys brockmani* Dollman, Ann. Mag. Nat. Hist. (8) 8: 259, Aug. 1911. Bulhar, British Somaliland.

## ACOMYS CAHIRINUS (Desmarest). Cairo Spiny Mouse

*Mus cahirinus* Desmarest, Nouv. Dictionnaire d'Hist. Nat., 29: 70, 1819. Cairo, Egypt.

*Acomys sabryi* Kershaw, Ann. Mag. Nat. Hist. (9) 10: 99, 107, July 1922. Helwan, 10 miles south of Cairo, Egypt. Probably a synonym of *A. cahirinus* (see Flower, S. S., Proc. Zool. Soc. London, p. 414, 8 July 1932).

## ACOMYS CHUDEAUI Kollman

*Acomys chudeaui* Kollman, Bull. Mus. d'Hist. Nat., Paris, 17: 402, 1911. Atar, southwest of Biskra, Mauretania.

## ACOMYS CINERACEUS Fitzinger and Heuglin

*Acomys cineraceus* Fitzinger and Heuglin, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, p. 573, 1866. Doka, eastern Sennaar, between the Atbara and Rahad Rivers, Anglo-Egyptian Sudan.

*Acomys cinerascens* Heuglin, Reise in Nordost-Afrika, 2: 70, 1877. Eastern Sennaar and about Kalabat, Anglo-Egyptian Sudan.

*Acomys witherbyi* De Winton, Novitates Zool., 8: 400, 31 Dec. 1901. El Kowa, south of Khartoum, Anglo-Egyptian Sudan.

ACOMYS DIMIDIATUS (Cretzschmar)

*Mus dimidiatus* Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördliche Afrika, p. 37, pl. 13, f.a, 1826. Sinai region and Nubia.

*Mus megalotis* Lichtenstein, Darstellung. neuer oder wenig bekannt. Säugeth., pl. 37, f.2, and text (unnumbered pp.), 1829. Arabia.

ACOMYS HAWASHENSIS Frick

*Acomys hawashensis* Frick, Ann. Carnegie Mus., 9: 26, 6 June 1914. Sadi Malka, Abyssinia, 3500 ft.

ACOMYS HUNTERI De Winton

*Acomys hunteri* De Winton, Novitates Zool., 8: 401, footnote, 31 Dec. 1900. Plain of Tokar, Suakin, Anglo-Egyptian Sudan.

ACOMYS HYSTRELLA Heller

*Acomys hystrella* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 13, 28 Feb. 1911. Nimule, Uganda.

ACOMYS IGNITUS IGNITUS Dollman

*Acomys ignitus* Dollman, Ann. Mag. Nat. Hist. (8) 6: 229, Aug. 1910. Voi, Kenya Colony.

ACOMYS IGNITUS KEMPI Dollman

*Acomys kempi* Dollman, Ann. Mag. Nat. Hist. (8) 8: 125, July 1911. Chanler Falls, Northern Guaso Nyiro, Kenya Colony.

*Acomys pulchellus* Dollman, Ann. Mag. Nat. Hist. (8) 8: 127, July 1911. Chanler Falls, Northern Guaso Nyiro, Kenya Colony. Based on immature example (see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 117, 1919).

ACOMYS IGNITUS MONTANUS Heller

*Acomys ignitis* (sic) *montanus* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 12, 24 June 1914. North slope of Mt. Marsabit, Kenya Colony, 4600 ft.

ACOMYS INTERMEDIUS Wettstein

*Acomys intermedius* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 161, 1916. Dilling, southern Kordofan, Anglo-Egyptian Sudan.

## ACOMYS JOHANNIS Thomas

*Acomys johannis* Thomas, Ann. Mag. Nat. Hist. (8) 9: 272, Feb. 1912. Kabwir, northern Nigeria.

## ACOMYS LOUISÆ LOUISÆ Thomas

*Acomys louisæ* Thomas, Ann. Mag. Nat. Hist. (6) 18: 269, Sep. 1896. Henwaina plain, 40 miles south of Berbera, Somaliland.

## ACOMYS LOUISÆ UMBRATUS Thomas

*Acomys louisæ umbratus* Thomas, Ann. Mag. Nat. Hist. (9) 12: 174, July 1923. Wagar Mountain, Golis Mts., northern Somaliland.

## ACOMYS MULLAH Thomas

*Acomys mullah* Thomas, Ann. Mag. Nat. Hist. (7) 14: 103, Aug. 1904. Harar, British Somaliland.

## ACOMYS NUBICUS Heuglin

*Acomys nubicus* Heuglin, Reise in Nordost-Afrika, 2: 70, 1877. De Winton, Novitates Zool., 8: 401, 31 Dec. 1901. Nubia, along the Nile.

## ACOMYS PERCIVALI Dollman

*Acomys percivali* Dollman, Ann. Mag. Nat. Hist. (8) 8: 126, July 1911. Chanler Falls, Northern Guaso Nyiro, Kenya Colony.

## ACOMYS RUSSATUS ÆGYPTIACUS Bonhote

*Acomys russatus ægyptiacus* Bonhote, Abstr. Proc. Zool. Soc. London, no. 103, p. 3, 13 Feb. 1912; Proc. Zool. Soc. London, p. 230, 13 Mar. 1912. Wadi Hof, near Helwan, Egypt.

*Mus affinis* Gray, List Spec. Mamm. Brit. Mus., p. 108, 13 May 1843 (nomen nudum). Egypt.

As to the history of the specimen on which this name is based, see Flower, S. S., Proc. Zool. Soc. London, p. 412, 8 July 1932.

## ACOMYS SELOUSI De Winton

*Acomys selousi* De Winton, Proc. Zool. Soc. London, for 1896, p. 807, pl. 40, f. 2, Apl. 1897. Essex Farm, Matabeleland, near Bulawayo, Southern Rhodesia.

## ACOMYS SEURATI Heim de Balsac

*Acomys seurati* Heim de Balsac, Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 356, f. 6, no. 4 (foot); 389, f. 15, no. 15 (skull), 1936; Bull. Soc. Zool. de France, 62: no. 5, 332, 14 Aug. 1937 (formal description). Iniker, A'haggar, southern Algeria.

*ACOMYS SPINOSISSIMUS* Peters

*Acomys spinosissimus* Peters, Reise nach Mossambique, Säugeth., p. 160, pl. 34, f. 1; pl. 35, f. 10, 1852. Tette and Buio, Mozambique.

*ACOMYS SUBSPINOSUS* (Waterhouse)

*Mus subspinosus* Waterhouse, Proc. Zool. Soc. London, for 1837, p. 104, 25 May 1838. Cape of Good Hope.

*ACOMYS TRANSVAALENSIS* Roberts

*Acomys transvaalensis* Roberts, Ann. Transvaal Mus., 11: 252, 14 Sep. 1926. Newgate, Zoutpansberg, Transvaal.

*ACOMYS VIATOR* Thomas

*Acomys viator* Thomas, Proc. Zool. Soc. London, 2: 10, Oct. 1902. Wadi Sultan, near Sokna, Tripoli.

*ACOMYS WILSONI WILSONI* Thomas

*Acomys wilsoni* Thomas, Ann. Mag. Nat. Hist. (6) 10: 22, July 1892. Mombasa, Kenya Colony.

*ACOMYS WILSONI ABLUTUS* Dollman

*Acomys ablutus* Dollman, Ann. Mag. Nat. Hist. (8) 8: 127, July 1911. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony.

*ACOMYS WILSONI ARGILLACEUS* Hinton and Kershaw

*Acomys wilsoni argillaceus* Hinton and Kershaw, Ann. Mag. Nat. Hist. (9) 6: 101, July 1920. Mongalla, Bahr-el-Djebel, Anglo-Egyptian Sudan.

*ACOMYS WILSONI ENID* St. Leger

*Acomys wilsoni enid* St. Leger, Ann. Mag. Nat. Hist. (10) 9: 241, Mar. 1932. Koliokwell River, Lake Rudolf, Uganda.

*ACOMYS WILSONI NUBILUS* Dollman

*Acomys nubilus* Dollman, Ann. Mag. Nat. Hist. (8) 14: 486, Dec. 1914. Magadi, southern Masailand district, Kenya Colony.

*ÆTHOMYS* Thomas

*Æthomys* Thomas, Ann. Mag. Nat. Hist. (8) 16: 477, Dec. 1915. As a subgenus of *Epimys* (= *Rattus*), type *Epimys hindei* Thomas. Raised to generic rank; list of included species given, see Thomas, O., Ann. Mag. Nat. Hist. (9) 17: 177, Jan. 1926.

*ÆTHOMYS AVARILLUS* (Thomas and Wroughton)

*Mus avarillus* Thomas and Wroughton, Proc. Zool. Soc. London, p. 547, 30 Oct. 1908. Tette, Mozambique.

*ÆTHOMYS BOCAGEI* (Thomas)

*Mus bocagei* Thomas, Ann. Mag. Nat. Hist. (7) 13: 416, June 1904. Pungo Andongo, Angola.

*Ethomys bocagei* Thomas, Ann. Mag. Nat. Hist. (9) 17: 177, Jan. 1926.

*ÆTHOMYS CHRYSOPHILUS CHRYSOPHILUS* (De Winton)

*Mus chrysophilus* De Winton, Proc. Zool. Soc. London, for 1896, p. 801, Apl. 1897. Mazoë, Mashonaland, Southern Rhodesia.

*ÆTHOMYS CHRYSOPHILUS ACTICOLA* (Thomas and Wroughton)

*Mus chrysophilus acticola* Thomas and Wroughton, Proc. Zool. Soc. London, p. 547, 30 Oct. 1908. Beira, Mozambique.

*Mus chrysophilus alticola* Lydekker, Intern. Cat. Sci. Literature, 8 (1908): Mamm., p. 74, Jan. 1910. Accidental renaming of *M. c. acticola* Thomas and Wroughton.

*ÆTHOMYS CHRYSOPHILUS ALBIVENTER* (Jentink)

*Mus albiventer* Jentink, Zool. Jahrb., Syst., 28: 246, text-f. H, 15 Oct. 1909. Mossel Bay, Cape of Good Hope.

*Mus albiventris* Jentink, Zool. Jahrb., Syst., 28: 247, 15 Oct. 1909. Used inadvertently in place of *M. albiventer* Jentink.

*M[us] muscardinus* Wagner, Schreber's Säugthiere, Suppl., 3: 430, 1843. Kaffirland, = South Africa.

Possibly this name should supersede *chrysophilus*, but is at present undeterminable.

*ÆTHOMYS CHRYSOPHILUS CAPRICORNIS* Roberts

*Ethomys chrysophilus capricornis* Roberts, Ann. Transvaal Mus., 11: 254, 14 Sep. 1926. Newgate, Zoutpansberg, Transvaal.

*ÆTHOMYS CHRYSOPHILUS DOLLMANI* Hatt

*Ethomys chrysophilus dollmani* Hatt, Amer. Mus. Novitates, no. 708, p. 8, 4 Apl. 1934. Upper Lufira River, Katanga, Congo Belge.

*ÆTHOMYS CHRYSOPHILUS IMAGO* Thomas

*Ethomys chrysophilus imago* Thomas, Proc. Zool. Soc. London, p. 387, 12 July 1927. Stampriet, Southwest Africa.

*ÆTHOMYS CHRYSOPHILUS MAGALAKUINI* Roberts

*Ethomys chrysophilus magalakuini* Roberts, Ann. Transvaal Mus., 11: 254, 14 Sep. 1926. Wilhanshohe, Magalakuin, Transvaal.



*ÆTHOMYS CHRYSOPHILUS INEPTUS* (Thomas and Wroughton)

*Mus chrysophilus ineptus* Thomas and Wroughton, Proc. Zool. Soc. London, p. 546, 30 Oct. 1908. Tette, Mozambique.

*ÆTHOMYS CHRYSOPHILUS PRETORIÆ* (Roberts)

*Mus chrysophilus pretoriæ* Roberts, Ann. Transvaal Mus., 4: 85, 20 Oct. 1913. Fountains, Pretoria, Transvaal.

*ÆTHOMYS CHRYSOPHILUS SINGIDÆ* (Kershaw)

*Rattus (Æthomys) chrysophilus singidæ* Kershaw, Ann. Mag. Nat. Hist. (9) 12: 535, Oct. 1923. Gwao's, near Itigi, Singida, Tanganyika Territory, about 30° 40' E., 4° 25' S.

*ÆTHOMYS CHRYSOPHILUS TONGENSIS* Roberts

*Æthomys chrysophilus tongensis* Roberts, Ann. Transvaal Mus., 14: 235, 28 July 1931. Mangusi Forest, northern Zululand, Natal.

*Æthomys chrysophilus tongensis* Roberts, Ann. Transvaal Mus., 18: 235, 21 Feb. 1936. Otobotini, northern Zululand, Natal.

Not *Æthomys chrysophilus tongensis* Roberts, 1931?

*ÆTHOMYS CHRYSOPHILUS TZANEENENSIS* (Jameson)

*Mus chrysophilus tzaneensis* Jameson, Ann. Mag. Nat. Hist. (8) 4: 460, Nov. 1909. Tzaneen, Zoutpansberg district, Transvaal.

*ÆTHOMYS CHRYSOPHILUS VOI* (Osgood)

*Mus voi* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 11, 16 Feb. 1910. Voi, Kenya Colony.

*ÆTHOMYS KAISERI KAISERI* (Noack)

*Epimys kaiseri* Noack, Zool. Jahrb., Syst., 2: 228, pl. 9, f. 1-3, 7 May 1887. Marungu, (Qua Mpala), Tanganyika Territory.

*ÆTHOMYS KAISERI ALGHAZAL* (Wroughton)

*Mus alghazal* Wroughton, Ann. Mag. Nat. Hist. (7) 20: 501, Dec. 1907. Chak Chak, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

*ÆTHOMYS KAISERI HELLERI* (Hollister)

*Epimys kaiseri centralis* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 10, 24 June 1914. Rhino Camp, Lado Enclave. Doubtfully distinct (Thomas).

*Rattus helleri* Hollister, Proc. Biol. Soc. Washington, 31: 97, 29 June 1918 (new name to replace *Epimys kaiseri centralis* Heller, not *Mus auricomis centralis* Schwann, 1906).

*ÆTHOMYS KAISERI HINDEI* (Thomas)

*Mus hindei* Thomas, Ann. Mag. Nat. Hist. (7) 9: 219, Mar. 1902. Machakos, Kenya Colony.

*ÆTHOMYS KAISERI MANTEUFELI* (Matschie)

*Mus (Epinys?) manteufeli* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 341, Oct. 1911. Mwanza, Lake Victoria, Tanganyika Territory.

*ÆTHOMYS KAISERI MEDICATUS* (Wroughton)

*Mus medicatus* Wroughton, Ann. Mag. Nat. Hist. (8) 4: 540, Dec. 1909. Mumia's, Kenya Colony.

*ÆTHOMYS KAISERI NORÆ* (Wroughton)

*Mus noræ* Wroughton, Ann. Mag. Nat. Hist. (8) 4: 541, Dec. 1909. Guaso Narok, Northern Guaso Nyiro, Kenya Colony.

*ÆTHOMYS KAISERI TURNERI* (Heller)

*Epinys kaiseri turneri* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 8, 24 June 1914. Kisumu, Kenya Colony.

Range: probably confined to shore area of Lake Victoria.

*ÆTHOMYS NAMAQUENSIS NAMAQUENSIS* (A. Smith)

*Gerbillus namaquensis* A. Smith, South African Quart. Journ., 2: 160, 1834. Namaqualand, Cape of Good Hope.

*Otomys namaquensis* var. *fusca* F. Cuvier, Hist. Nat. des Mammifères, pt. 61, 1829.

For key to various forms of *Æ. namaquensis* see Jameson, H. L., Ann. Mag. Nat. Hist. (8) 4: 462, Nov. 1909.

*ÆTHOMYS NAMAQUENSIS ARBORARIUS* (Peters)

*Mus arborarius* Peters, Reise nach Mossambique, Säugeth., p. 152, pl. 35, f. 7; pl. 36, f. 2, 1852. Tette, Mozambique.

Probably a distinct race rather than a synonym of *Æ. namaquensis namaquensis* (see Thomas and Wroughton, Proc. Zool. Soc. London, p. 548, 30 Oct. 1908).

*ÆTHOMYS NAMAQUENSIS AURICOMIS* (De Winton)

*Mus auricomis* De Winton, Proc. Zool. Soc. London, for 1896, pp. 802, 807, Apl. 1897. Mazoë, Mashonaland, Southern Rhodesia.

*Mus namaquensis auricomis* Thomas and Wroughton, Proc. Zool. Soc. London, p. 548, 30 Oct. 1908.

*ÆTHOMYS NAMAQUENSIS CALARIUS* Thomas

*Æthomys namaquensis calarius* Thomas, Ann. Mag. Nat. Hist. (9) 17: 184, Jan. 1926. Lehutitung, Ngamiland, Bechuanaland.

*ÆTHOMYS NAMAQUENSIS CAPENSIS* (Roberts)

*Praomys namaquensis capensis* Roberts, Ann. Transvaal Mus., 11: 254, 14 Sep. 1926. Lormarins, Paarl, Cape of Good Hope.

*ÆTHOMYS NAMAQUENSIS CENTRALIS* (Schwann)

*Mus auricomis centralis* Schwann, Proc. Zool. Soc. London, 1: 107, 7 June 1906. Deelfontein, Cape of Good Hope.

*Mus namaquensis centralis* Thomas and Wroughton, Proc. Zool. Soc. London, p. 548, 30 Oct. 1908.

*ÆTHOMYS NAMAQUENSIS DRAKENSBERGI* (Roberts)

*Praomys namaquensis drakensbergi* Roberts, Ann. Transvaal Mus., 11: 255, 14 Sep. 1926. Klipspruit, Utrecht, Natal.

*ÆTHOMYS NAMAQUENSIS GRAHAMI* (Roberts)

*Mus namaquensis grahami* Roberts, Ann. Transvaal Mus., 5: 118, 28 Aug. 1915. Godwin's Kloof, Grahamstown, Cape of Good Hope.

*ÆTHOMYS NAMAQUENSIS KLAVERENSIS* (Roberts)

*Praomys namaquensis klaverensis* Roberts, Ann. Transvaal Mus., 11: 254, 14 Sep. 1926. Klaver, Cape of Good Hope.

*ÆTHOMYS NAMAQUENSIS LEHOCLA* (A. Smith)

*Mus lehocla* A. Smith, Rept. Exped. for Exploring South Africa, App., p. 43, 1836. Latakoo, South Africa.

*Mus namaquensis lehocla* Thomas and Wroughton, Proc. Zool. Soc. London, p. 548, 30 Oct. 1908.

*ÆTHOMYS NAMAQUENSIS LEHOCHLOIDES* (Roberts)

*Praomys namaquensis lehochloides* Roberts, Ann. Transvaal Mus., 11: 255, 14 Sep. 1926. Wilhanshohe, Magalakuin, Transvaal.

*ÆTHOMYS NAMAQUENSIS MONTICULARIS* (Jameson)

*Mus namaquensis monticularis* Jameson, Ann. Mag. Nat. Hist. (8) 4: 461, Nov. 1909. Johannesburg, Transvaal.

*ÆTHOMYS NAMAQUENSIS SICCATUS* Thomas

*Æthomys namaquensis siccatus* Thomas, Proc. Zool. Soc. London, p. 304, 29 Apl. 1926. Cunene Falls, Ovamboland, Southwest Africa.

*ÆTHOMYS NYIKÆ* (Thomas)

*Mus nyikæ* Thomas, Proc. Zool. Soc. London, p. 431, 1 Oct. 1897. Nyika plateau, northern Nyasaland.

*ÆTHOMYS PÆDULCUS* (Sundevall)

*Mus pædulcus* Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, for 1846, 3: no. 4, p. 120, 1847. "In Caffraria interiore, prope tropicum."

*ÆTHOMYS STANNARIUS* (Thomas)

*Epimys stannarius* Thomas, Ann. Mag. Nat. Hist. (8) 11: 482, May 1913. Kabwir, Bauchi Province, northern Nigeria.

*Æthomys stannarius* Thomas, Ann. Mag. Nat. Hist. (9) 17: 177, Jan. 1926.

*ÆTHOMYS VERNAYI* Hill and Carter

*Æthomys vernayi* Hill and Carter, Amer. Mus. Novitates, no. 913, p. 1, f. 1, 8 Mar. 1937. Chissonque, 20 km. east of Dande, Angola.

*ÆTHOMYS WALAMBÆ WALAMBÆ* (Wroughton)

*Mus walambæ* Wroughton, Mem. and Proc. Manchester Lit. and Phil. Soc., 51: no. 5, p. 21, 13 Mar. 1907. Msofu River, Rhodesia.

*ÆTHOMYS WALAMBÆ AMALÆ* (Dollman)

*Epimys walambæ amalæ* Dollman, Abstr. Proc. Zool. Soc. London, no. 131, p. 25, 14 Apl. 1914; Proc. Zool. Soc. London, p. 313, 16 June 1914. Lemek Valley, between the Amala River and Southern Guaso Nyiro, Kenya Colony.

*ÆTHOMYS WALAMBÆ HINTONI* Hatt

*Æthomys walambæ hintoni* Hatt, Amer. Mus. Novitates, no. 708, p. 7, 4 Apl. 1934. Kambove, Katanga, Congo Belge, 4400 ft.

*ÆTHOMYS WALAMBÆ PEDESTER* (Thomas)

*Epimys walambæ pedester* Thomas, Ann. Mag. Nat. Hist. (8) 8: 376, Sep. 1911. Kigezi, Mfumbiro region, southwestern Uganda.

## APODEMUS Kaup. Wood Mice

*Apodemus* Kaup, Skizzirte Entw.-gesch. u. Naturl. Syst. Europ. Thierwelt, 1: 154, 1829. Genotype *Mus agrarius* Pallas.

## Subgenus SYLVÆMUS Ognev

*Sylvæmus* Ognev, Fauna Zemn. Pozvonocn. Woronesch, 1923. Type *Mus sylvaticus* Linnæus.

*Nemomys* Thomas, Journ. Bombay Nat. Hist. Soc., 29: 889, 15 May 1924.

Subgenus of *Apodemus*, type *Mus sylvaticus* Linnæus.

APODEMUS SYLVATICUS ALGIRUS (Pomel). Algerian Wood Mouse

*Mus algirus* Pomel, Compt. Rend. Acad. Sci. Paris, 42: 654, 1856. Algeria, Oran Province.

Probably a valid subspecies (Cabrera, A., Trab. d. Mus. Nac. de Cienc. Nat., Madrid, zool. ser., no. 57, p. 253, 30 Dec. 1932).

*Mus chamæropsis* Levaillant, Exploration Sci. de l'Algérie, Zool., Mammifères, Atlas, pl. 5, f. 1 (col.), 1a, 1857; Loche, Cat. Mamm. et Oiseaux observés en Algérie, p. 25, 1858. Constantine Province, Algeria.

Although identified as a *Gerbillus* by Lataste (Actes Soc. Linn. de Bordeaux, 37: 14, 1883), Thomas points out that the ungrooved incisors indicate *Mus*.

*Mus reboudia* Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, p. 117, 1867. Oasis of Messad, Algeria.

APODEMUS SYLVATICUS HAYI (Waterhouse)

*Mus hayi* Waterhouse, Proc. Zool. Soc. London, for 1837, p. 76, July 1838. (Tangiers), Morocco.

*Apodemus sylvaticus dichrurus* Cabrera, Mem. Real Soc. Española Hist. Nat., Madrid, 50th anniv. vol., p. 44, 1921 (not of Rafinesque).

Range: Northern Morocco.

## ARVICANTHIS Lesson. Kusu

*Arvicanthis* Lesson, Nouv. Tableau Règne Anim., Mamm., p. 147, 1842.

Thomas, Proc. Zool. Soc. London, p. 553, footnote, Oct. 1895. Genotype *Lemmus niloticus* E. Geoffroy.

*Isomys* Sundevall, K. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 219, 1843. Genotype *Mus variegatus* Brants.

For diagnostic characters, see Thomas O., Ann. Mag. Nat. Hist. (8) 18: 68, July 1916.

See Dollman, Guy. On *Arvicanthis abyssinicus* and allied East-African species, with descriptions of four new forms. Ann. Mag. Nat. Hist. (8) 8: 334-353, Sep. 1911.

ARVICANTHIS ABYSSINICUS ABYSSINICUS (Rüppell)

*Mus abyssinicus* Rüppell, Mus. Senckenbergianum, 3: 104, pl. 7, f. 1, 1842. Entschetqab, Simen province, Abyssinia.

*Mus* (?) *rufidorsalis* Heuglin, Reise in Nordost-Afrika, 2: 70, 1877. Grassy plains in Simen and Wogara, Abyssinia.

"Probably . . . a synonym of *A. abyssinicus*" (Thomas, O., Ann. Mag. Nat. Hist. (10) 1: 304, Feb. 1928).

ARVICANTHIS ABYSSINICUS BLICKI Frick

*Arvicanthis abyssinicus blicki* Frick, Ann. Carnegie Mus., 9: 20, pl. 4, f. 1-5, 6 June 1914. Hora Mt. base camp, 9000 ft., South Chilalo Mts., Abyssinia.

ARVICANTHIS ABYSSINICUS CENTROSUS Hollister

*Arvicanthis abyssinicus centrosus* Hollister, Smithsonian Misc. Coll., 66: no. 10, p. 1, 26 Oct. 1916. Rhino Camp, Lado Enclave.

ARVICANTHIS ABYSSINICUS FLUVICINCTUS Osgood

*Arvicanthis abyssinicus fluvicinctus* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 251, 28 Dec. 1936. Bichana, Gojjam, Ethiopia.

ARVICANTHIS ABYSSINICUS MEARNSI Frick

*Arvicanthis abyssinicus mearnsi* Frick, Ann. Carnegie Mus., 9: 22, pl. 4, f. 6-10, 6 June 1914. Sadi Malka, Hawash River, Abyssinia, 2800 ft.

ARVICANTHIS ABYSSINICUS MUANSÆ Matschie

*Arvicanthis abyssinicus muansæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 339, Oct. 1911. Mwanza, south coast of Lake Victoria, Tanganyika Territory.

ARVICANTHIS ABYSSINICUS NAIROBÆ J. A. Allen

*Arvicanthis nairobæ* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 26: 168, 19 Mar. 1909. Nairobi, Kenya Colony.

ARVICANTHIS ABYSSINICUS NUBILANS Wroughton

*Arvicanthus* (sic) *abyssinicus nubilans* Wroughton, Ann. Mag. Nat. Hist. (8) 4: 539, Dec. 1909. Kisumu, Kenya Colony.

ARVICANTHIS ABYSSINICUS PALLESCENS Dollman

*Arvicanthis rumruti pallescens* Dollman, Abstr. Proc. Zool. Soc. London, no. 131, p. 25, 14 Apl. 1914; Proc. Zool. Soc. London, p. 316, 16 June 1914. Loita Plains, Kenya Colony.

*Arvicanthis abyssinicus pallescens* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 130, 1919.



## ARVICANTHIS ABYSSINICUS PRÆCEPS Wroughton

*Arvicanthis abyssinicus præceps* Wroughton, Ann. Mag. Nat. Hist. (8) 4: 538, Dec. 1909. Naivasha, Kenya Colony.

## ARVICANTHIS ABYSSINICUS RAFFERTYI Frick

*Arvicanthis abyssinicus raffertyi* Frick, Ann. Carnegie Mus., 9: 23, pl. 5, 6 June 1914. Gardula, southern Abyssinia.

## ARVICANTHIS ABYSSINICUS ROSSII de Beaux

*Arvicanthis abyssinicus rossii* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 64: 90, Sep. 1925. Atalia, Congo Belge.

## ARVICANTHIS ABYSSINICUS RUBESCENS Wroughton

*Arvicanthis abyssinicus rubescens* Wroughton, Ann. Mag. Nat. Hist. (8) 4: 538, Dec. 1909. Kibero, Unyoro, Uganda.

## ARVICANTHIS ABYSSINICUS RUMRUTI Dollman

*Arvicanthis rumruti* Dollman, Ann. Mag. Nat. Hist. (8) 8: 128, July 1911. Rumruti, Laikipia Plateau, Kenya Colony.

## ARVICANTHIS ABYSSINICUS SATURATUS Dollman

*Arvicanthis abyssinicus saturatus* Dollman, Ann. Mag. Nat. Hist. (8) 8: 343, Sep. 1911. Didessa River, near Guma, Abyssinia.

## ARVICANTHIS ABYSSINICUS VIRESCENS Heller

*Arvicanthis abyssinicus virescens* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 11, 24 June 1914. Voi, Kenya Colony.

## ARVICANTHIS ABYSSINICUS ZAPHIRI Dollman

*Arvicanthis zaphiri* Dollman, Ann. Mag. Nat. Hist. (8) 8: 349, Sep. 1911. Guma, southern Abyssinia.

## ARVICANTHIS LACERNATUS (Rüppell)

*Meriones lacernatus* Rüppell, Mus. Senckenbergianum, 3: 96, 115, pl. 6, f. 1, 1842. Grassy plains about Lake Dembea (=Lake Tana), Abyssinia (see Thomas, Proc. Zool. Soc. London, for 1902, 2: 312, Apl. 1903; and Ann. Mag. Nat. Hist. (7) 8: 274, Oct. 1901).

*Mus dembeensis* Rüppell, Mus. Senckenbergianum, 3: 109, pl. 6, f. 3, 1842. Deraske, Lake Tana, Abyssinia.

"I do not now think that Rüppell's *Mus dembeensis* is a *Desmomys* at all, as was formerly supposed to be the case. The 'straffen haaren', 'schmutzigschwarz' under surface and large claws . . . do not agree by any means with *Desmomys*, but apply well to an *Arvicanthis*, to which genus I have little doubt *dembeensis* is referable" (Thomas, O., Ann. Mag. Nat. Hist. (10) 1: 302, Feb. 1928).

*Arvicanthus abyssinicus pelliceus* Thomas, Ann. Mag. Nat. Hist. (10) 1: 303, Feb. 1928. Zauday Gar, south shore of Lake Tana, Abyssinia.

Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 253, 28 Dec. 1936) shows that this is a synonym of *A. lacernatus*.

ARVICANTHUS NILOTICUS NILOTICUS (Desmarest). Nile Kusu

*Arvicola niloticus* Desmarest, Encyclop. Méthodique, Mammalogie, pt. 2, p. 281, 1822. Egypt.

*Hypudæus variegatus* Lichtenstein, Verzeichn. d. Doubletten d. Zool. Mus. Berlin, p. 2, 1823. "E provincia Fajum Aegypt."

*Echimys niloticus* E. Geoffroy and Audouin, Deser. de l'Égypte, 2: 734, pl. 5, f. 2, 1829. Egypt, banks of the Nile.

*Mus discolor* Wagner, Arch. f. Naturg., 8: sect. 1, p. 9, 1842. Lower Egypt.

*Isomys variegatus*, vars. *major* et *minor* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 220, 1843. Syrkut, upper Nubia.

Relationship to *A. abyssinicus* and *A. lacernatus* still uncertain (Thomas, O., Ann. Mag. Nat. Hist. (7) 8: 274, Sep. 1901).

Range: Upper Egypt, the Fayum, Giza area, and parts of the Nile delta.

ARVICANTHUS NILOTICUS ANSORGEI Thomas

*Arvicanthus ansorgei* Thomas, Ann. Mag. Nat. Hist. (8) 5: 353, Apl. 1910. Gunnal, Portuguese Guinea.

ARVICANTHUS NILOTICUS CENTRALIS Dollman

*Arvicanthus testicularis centralis* Dollman, Ann. Mag. Nat. Hist. (8) 8: 338, Sep. 1911. Between Chak Chak and Dem Zubeir, western Bahr-el-Ghazal, Anglo-Egyptian Sudan.

According to Bræstrup (Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 119, 11 Sep. 1935) this is "apparently not distinct from *rufinus*."

ARVICANTHUS NILOTICUS JEBELÆ Heller

*Arvicanthus jebelæ* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 9, 28 Feb. 1911. Rhino Camp, Lado Enclave.

*Arvicanthus testicularis jebelæ* Dollman, Ann. Mag. Nat. Hist. (8) 8: 338, Sep. 1911.

Probably a synonym of *A. n. testicularis* (Bræstrup, F. W., Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 119, 11 Sep. 1935).

ARVICANTHUS NILOTICUS KORDOFANENSIS Wettstein

*Arvicanthus testicularis kordofanensis* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 161, 1916. Kadugli, southern Kordofan, Anglo-Egyptian Sudan.

A synonym of *A. n. testicularis* (Bræstrup, in Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 119, 11 Sep. 1935).

## ARVICANTHIS NILOTICUS LUCTUOSUS Dollman

*Arvicanthis luctuosus* Dollman, Ann. Mag. Nat. Hist. (8) 8: 339, Sep. 1911.  
Kaka, north of Fashoda, Anglo-Egyptian Sudan.

Probably a synonym of *A. n. testicularis* (Bræstrup, F. W., Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 119, 11 Sep. 1935).

## ARVICANTHIS NILOTICUS MORDAX Thomas

*Arvicanthis mordax* Thomas, Ann. Mag. Nat. Hist. (8) 7: 460, May 1911.  
Panyam, northern Nigeria.

## ARVICANTHIS NILOTICUS OCCIDENTALIS Wroughton

*Arvicanthis occidentalis* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 377, Apl. 1906. Bo, interior Sierra Leone.

A synonym of *A. n. rufinus* according to Bræstrup (Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 120, 11 Sep. 1935).

## ARVICANTHIS NILOTICUS REICHARDI (Noack)

*Pelomys reichardi* Noack, Zool. Jahrb., Syst., 2: 235, pl. 9, f. 4-7, 7 May 1887.  
Near Karema, Tanganyika Territory.

## ARVICANTHIS NILOTICUS RUFINUS (Temminck)

*Mus rufinus* Temminck, Esquisses Zool. sur la Côte de Guiné, p. 163, 1853.  
"Toutes les parties de la Guiné." Gold Coast.

*Arvicanthis niloticus rufinus* Bræstrup, Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 120, 11 Sep. 1935.

## ARVICANTHIS NILOTICUS SETOSUS Thomas

*Arvicanthis setosus* Thomas, Ann. Mag. Nat. Hist. (7) 15: 79, Jan. 1905. Fra-Fra Country, Gold Coast hinterland.

## ARVICANTHIS NILOTICUS SOLATUS Thomas

*Arvicanthis testicularis solatus* Thomas, Ann. Mag. Nat. Hist. (9) 16: 194, July 1925. Aouderas, Asben, French West Africa.

## ARVICANTHIS NILOTICUS TESTICULARIS (Sundevall)

*Isomys testicularis* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 221, 1843. Bahr-el-Abiad, Anglo-Egyptian Sudan.

## ARVICANTHIS OCHROPUS (Heuglin)

*Mus ochropus* Heuglin, Reise in Nordost-Afrika, 2: 68, 1877. Bogos country, Abyssinia.

An *Arvicanthis* according to Trouessart (Cat. Mamm. Viv. Foss., suppl., p. 375, 1904).

## ARVICANTHIS SOMALICUS SOMALICUS Thomas

*Arvicanthis somalicus* Thomas, Proc. Zool. Soc. London, for 1902, 2: 312, footnote, Apl. 1903. Shuk, northern Somaliland, 4000 ft.

## ARVICANTHIS SOMALICUS CHANLERI Dollman

*Arvicanthis chanleri* Dollman, Ann. Mag. Nat. Hist. (8) 8: 130, July 1911.  
Chanler Falls, Northern Guaso Nyiro, Kenya Colony.

## ARVICANTHIS SOMALICUS REPTANS Dollman

*Arvicanthis reptans* Dollman, Ann. Mag. Nat. Hist. (8) 8: 129, July 1911.  
Nyama Nyango, Northern Guaso Nyiro, Kenya Colony.  
*Arvicanthis somalicus reptans* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, 48: no. 5, p. 99, 26 June 1912.

## ARVICANTHIS TENEBROSUS TENEBROSUS Kershaw

*Arvicanthis abyssinicus tenebrosus* Kershaw, Ann. Mag. Nat. Hist. (9) 11: 595,  
May 1923. Tabora, Tanganyika Territory.

## ARVICANTHIS TENEBROSUS RHODESIÆ St. Leger

*Arvicanthis abyssinicus rhodesiæ* St. Leger, Ann. Mag. Nat. Hist. (10) 10: 85,  
July 1932. Sichili River, Seseke district, Northern Rhodesia.

## COLOMYS Thomas and Wroughton

*Colomys* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 379, May 1907.  
Genotype *Colomys goslingi* Thomas and Wroughton.

## COLOMYS GOSLINGI GOSLINGI Thomas and Wroughton

*Colomys goslingi* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 380,  
May 1907. Gambi, Uele River, Congo Belge.

## COLOMYS GOSLINGI BICOLOR Thomas

*Colomys bicolor* Thomas, Ann. Mag. Nat. Hist. (8) 10: 42, July 1912. Bitye,  
southwestern Cameroons, 2000 ft.

## COLOMYS GOSLINGI DENTI St. Leger

*Colomys goslingi denti* St. Leger, Ann. Mag. Nat. Hist. (10) 6: 527, Oct. 1930.  
Elburgon, Kenya Colony, 8000 ft.

## CRICETOMYS Waterhouse. Giant Rats

*Cricetomys* Waterhouse, Proc. Zool. Soc. London, no. 85, p. 2, July 1840. Sub-genus of *Mus*, type *Cricetomys gambianus* Waterhouse.

See Hinton, M. A. C. Notes on the genus *Cricetomys*, with descriptions of four new forms. Ann. Mag. Nat. Hist. (9) 4: 282-289, Oct. 1919.

**CRICETOMYS BUCHANANI** Thomas and Hinton

*Cricetomys buchanani* Thomas and Hinton, Novitates Zool., 28: 7, 14 May 1921.  
Farniso, near Kano, northern Nigeria.

**CRICETOMYS COSENSI** Hinton

*Cricetomys cosensi* Hinton, Ann. Mag. Nat. Hist. (9) 4: 286, Oct. 1919. Zanzibar Island.

**CRICETOMYS EMINI EMINI** Wroughton

*Cricetomys gambianus emini* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 106, Jan. 1910. Gaddu, Monbottu, Congo Belge.

**CRICETOMYS EMINI ANSORGEI** Thomas

*Cricetomys ansorgei* Thomas, Ann. Mag. Nat. Hist. (7) 13: 412, June 1904.  
Pungo Andongo, Angola.

**CRICETOMYS EMINI SANCTUS** Hinton

*Cricetomys emini sanctus* Hinton, Ann. Mag. Nat. Hist. (9) 4: 286, Oct. 1919.  
Inkongo, Sankuru, Congo Belge.

**CRICETOMYS EMINI VAUGHAN-JONESI** St. Leger

*Cricetomys emini vaughan-jonesi* St. Leger, Ann. Mag. Nat. Hist. (10) 20: 148, July 1937. Balovale, upper Zambesi, northwestern Rhodesia.

**CRICETOMYS GAMBIANUS GAMBIANUS** Waterhouse

*Cricetomys gambianus* Waterhouse, Proc. Zool. Soc. London, p. 2, July 1840.  
River Gambia, West Africa.

*Mus goliath* Rüppell, Mus. Senckenbergianum, 3: 114, pl. 9; pl. 10, f.1, a-c, 1842. Senegambia.

*Cricetomys gambiensis* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 168, 1853 (lapsus cal.). Guinea.

**CRICETOMYS GAMBIANUS ADVENTOR** Thomas and Wroughton

*Cricetomys gambianus adventor* Thomas and Wroughton, Proc. Zool. Soc. London, p. 295, 1 Aug. 1907. Coguno, Inhambane, Mozambique.

**CRICETOMYS GAMBIANUS CUNCTATOR** Thomas and Wroughton

*Cricetomys gambianus cunctator* Thomas and Wroughton, Proc. Zool. Soc. London, p. 171, Sep. 1908. Tambarara, Gorongosa district, Mozambique.

**CRICETOMYS GAMBIANUS DICHRURUS** Osgood

*Cricetomys gambianus dichrurus* Osgood, Ann. Mag. Nat. Hist. (8) 5: 280, Mar. 1910. Agoulené, Anambara River, southern Nigeria.

## CRICETOMYS GAMBIANUS DISSIMILIS Rochebrune

*Cricetomys dissimilis* Rochebrune, Bull. Soc. Philomathique, Paris, (7) 9: 86, 1885. Landana, Angola.

*Mus tephurus* Rochebrune, Bull. Soc. Philomathique, Paris, (7) 9: 87, 1885. Landana, Angola.

## CRICETOMYS GAMBIANUS DOLICHOPS Osgood

*Cricetomys gambianus dolichops* Osgood, Ann. Mag. Nat. Hist. (8) 5: 280, Mar. 1910. Como River, 70 miles from Gaboon, French Congo.

## CRICETOMYS GAMBIANUS ELGONIS Thomas

*Cricetomys gambianus elgonis* Thomas, Ann. Mag. Nat. Hist. (8) 5: 198, Feb. 1910. South face of Mt. Elgon, Kenya Colony, 10,000 ft.

## CRICETOMYS GAMBIANUS ENGUVI Heller

*Cricetomys gambianus enguvi* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 16, 5 July 1912. Mt. Umengo, Taita Mts., Kenya Colony.

## CRICETOMYS GAMBIANUS GRAHAMI Hinton

*Cricetomys gambianus grahami* Hinton, Ann. Mag. Nat. Hist. (9) 4: 283, Oct. 1919. Nuba Mts., southeastern Anglo-Egyptian Sudan.

## CRICETOMYS GAMBIANUS HAAGNERI Roberts

*Cricetomys gambianus haagneri* Roberts, Ann. Transvaal Mus., 11: 252, text-f. 1, 14 Sep. 1926. Zoutpansberg, 10 miles north of Louis Trichardt, Transvaal.

## CRICETOMYS GAMBIANUS KENYENSIS Osgood

*Cricetomys gambianus kenyensis* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 2, p. 9, 16 Feb. 1910. South side of Mt. Kenya, Kenya Colony.

## CRICETOMYS GAMBIANUS KIVUENSIS Lönnberg

*Cricetomys gambianus kivuensis* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, 58: art. 2, p. 75, 1 Sep. 1917. Masisi, Congo Belge.

## CRICETOMYS GAMBIANUS LANGI Hatt

*Cricetomys gambianus langi* Hatt, Amer. Mus. Novitates, no. 708, p. 5, 4 Apl. 1934. Faradje, upper Uele district, Congo Belge.

## CRICETOMYS GAMBIANUS LIBERIÆ Osgood

*Cricetomys gambianus liberiæ* Osgood, Ann. Mag. Nat. Hist. (8) 5: 281, Mar. 1910. Fifty miles inland from Monrovia, Liberia.



**CRICETOMYS GAMBIANUS LUTEUS** Dollman

*Cricetomys gambianus luteus* Dollman, Ann. Mag. Nat. Hist. (8) 8: 124, July 1911. Igembi Hills, northeast of Mt. Kenya, Kenya Colony.

**CRICETOMYS GAMBIANUS OLIVIAE** Dollman

*Cricetomys gambianus oliviae* Dollman, Ann. Mag. Nat. Hist. (8) 8: 258, Aug. 1911. Fika, Bornu, northern Nigeria.

**CRICETOMYS GAMBIANUS OSGOODI** Heller

*Cricetomys gambianus osgoodi* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 16, 5 July 1912. Mazeras, Kenya Colony.

**CRICETOMYS GAMBIANUS POENSIS** Osgood

*Cricetomys gambianus poensis* Osgood, Ann. Mag. Nat. Hist. (8) 5: 279, Mar. 1910. Bubi Town, Bantaberi, Island of Fernando Po.

**CRICETOMYS GAMBIANUS PROPparator** Wroughton

*Cricetomys gambianus propparator* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 107, Jan. 1910. Ruwenzori East, Uganda, 6000 ft.

**CRICETOMYS GAMBIANUS RAINEYI** Heller

*Cricetomys gambianus raineyi* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 15, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony, 6000 ft.

**CRICETOMYS GAMBIANUS VIATOR** Thomas

*Cricetomys gambianus viator* Thomas, Ann. Mag. Nat. Hist. (7) 13: 413, June 1904. Likangala, Nyasaland.

**CRICETOMYS MICROTIS** Lönnberg

*Cricetomys microtis* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: art. 2, p. 77, 1 Sep. 1917. Masisi, Congo Belge.

**CRICETOMYS SERVORUM** Hinton

*Cricetomys servorum* Hinton, Ann. Mag. Nat. Hist. (9) 4: 288, Oct. 1919. Lagos, southern Nigeria.

**DASYMYS** Peters: Shaggy-haired Rats

*Dasymys* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 12, 1875. Genotype *Dasymys queinzii* Peters = *Mus incomtus* Sundevall.

**DASYMYS BENTLEYÆ** BENTLEYÆ (Thomas)

*Mus (Dasymys) bentleyæ* Thomas, Ann. Mag. Nat. Hist. (6) 10: 179, Aug. 1892. Ngombi, Lower Congo, Congo Belge.

## DASYMYS BENTLEYÆ MEDIUS Thomas

*Dasymys medius* Thomas, Ann. Mag. Nat. Hist. (7) 18: 143, Aug. 1906.

Mubuku Valley, Ruwenzori East, Uganda, 6000 ft.

*Dasymys bentleyæ medius* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 123, 1919.

## DASYMYS FOXI Thomas

*Dasymys foxi* Thomas, Ann. Mag. Nat. Hist. (8) 9: 685, June 1912. Panyam, northern Nigeria.

## DASYMYS HELUKUS HELUKUS Heller

*Dasymys helukus* Heller, Smithsonian Misc. Coll., 54: no. 1924, p. 2, pl. 1, b (skull), 28 Feb. 1910. Sirgoit, Guas Ngishu Plateau, Kenya Colony.

## DASYMYS HELUKUS NIGRIDIVS Hollister

*Dasymys helukus nigridius* Hollister, Smithsonian Misc. Coll., 66: no. 10, p. 2, 26 Oct. 1916. Naivasha Station, Kenya Colony.

## DASYMYS HELUKUS SAVANNUS Heller

*Dasymys savannus* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 14, 28 Feb. 1911. Fort Hall, Kenya Colony.

## DASYMYS INCOMTUS INCOMTUS (Sundevall)

*Mus incomtus* Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, for 1846, 3: no. 4, p. 120, 1847. "Caffraria prope Portum Natal."

*Dasymys gueinzii* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 12, pl. 1 (col.); pl. 2 (skull), 1875. Interior of Port Natal, Natal.

## DASYMYS INCOMTUS CAPENSIS Roberts

*Dasymys incomtus capensis* Roberts, Ann. Transvaal Mus., 18: 254, 21 Feb. 1936. La Plisante, Wolseley, Cape Province.

## DASYMYS INCOMTUS FUSCUS De Winton

*Dasymys incomtus fuscus* De Winton, Proc. Zool. Soc. London, for 1896, p. 804, Apl. 1897. Mazoë, Mashonaland, Southern Rhodesia.

## DASYMYS INCOMTUS GRISEIFRONS Osgood

*Dasymys incomptus* (sic) *griseifrons* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 255, 28 Dec. 1936. Southwest side of Lake Tana, near Dungulbar, Gojjam, Ethiopia.

## DASYMYS MONTANUS Thomas

*Dasymys montanus* Thomas, Ann. Mag. Nat. Hist. (7) 18: 143, Aug. 1906; Thomas and Wroughton, Trans. Zool. Soc. London, 19: 513, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 12,500 ft.

## DASYMYS NUDIPES NUDIPES (Peters)

*Mus (Isomys) nudipes* Peters, Journ. Sci. Math., Phys. e Nat., Lisboa, (1) 3: 126, Dec. 1870. Huilla, Angola.

## DASYMYS NUDIPES EDSONI Hatt

*Dasymys nudipes edsoni* Hatt, Amer. Mus. Novitates, no. 708, p. 6, 4 Apl. 1934. Lukolela, middle Congo, Congo Belge.

## DASYMYS ORTHOS Heller

*Dasymys orthos* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 13, 28 Feb. 1911. Butiaba, Albert Nyanza, Uganda.

## DASYMYS RUFULUS Miller

*Dasymys rufulus* Miller, Proc. Washington Acad. Sci., 2: 639, text-f. 40, 28 Dec. 1900. Mount Coffee, Liberia.

## DASYMYS SHAWI Kershaw

*Dasymys shawi* Kershaw, Ann. Mag. Nat. Hist. (9) 13: 25, Jan. 1924. Mount Baginzi, southern Bahr-el-Ghazal, near Congo border, 40 miles south-southeast of Yambio, Anglo-Egyptian Sudan.

## DASYMYS THOMASI (De Winton)

*Musthomas* De Winton, Ann. Mag. Nat. Hist. (6) 20: 321, Sep. 1897. Galanga, Angola.

## DEPHOMYS Thomas

*Dephomys* Thomas, Ann. Mag. Nat. Hist. (9) 17: 177, Jan. 1926. Genotype *Mus defua* Miller.

## DEPHOMYS DEFUA (Miller). Bristly Rat

*Mus defua* Miller, Proc. Washington Acad. Sci., 2: 635, 28 Dec. 1900. Mount Coffee, Liberia.

## DESMOMYS Thomas

*Desmomys* Thomas, Ann. Mag. Nat. Hist. (8) 5: 284, Mar. 1910. Genotype *Pelomys harringtoni* Thomas.

## DESMOMYS HARRINGTONI (Thomas)

*Pelomys harringtoni* Thomas, Proc. Zool. Soc. London, for 1902, 2: 313, Apl. 1903. Katchisa, Kutai, western Shoa, Abyssinia.

## DESMOMYS REX (Thomas)

*Arricanthis rex* Thomas, Ann. Mag. Nat. Hist. (7) 18: 304, Oct. 1906. Charada Forest, Kaffa, central Abyssinia.

"It may be provisionally considered as a giant member of *Desmomys*" (Thomas, O., Ann. Mag. Nat. Hist. (8) 18: 68, July 1916).

Note: *Desmomys dembeensis* (Rüppell) proves to be an *Arricanthis*; see Thomas, O., Ann. Mag. Nat. Hist. (10) 1: 302, footnote, Feb. 1928.

## HYBOMYS Thomas. Back-striped Mice

*Hybomys* Thomas, Ann. Mag. Nat. Hist. (8) 5: 85, Jan. 1910. Genotype *Mus univittatus* Peters.

*Typomys* Thomas, Ann. Mag. Nat. Hist. (8) 7: 382, Apl. 1911. Genotype *Mus trivirgatus* Temminck. Synonym of *Hybomys* (see Ingoldby, C. M., Ann. Mag. Nat. Hist. (10) 3: 522, May 1929).

## HYBOMYS UNIVITTATUS UNIVITTATUS (Peters)

*Mus univittatus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 479, pl. 2, f. 3 (col.), 1876. Dongila, Gaboon.

*Mus* (*Isomys*) *rufocanus* Tullberg, Nova Acta Reg. Soc. Sci., Upsala, (3) 16: no. 12, p. 23, pl. 2, f. 9, 10; pl. 3, f. 41, 42, 1893. Vevaka, Cameroons.

## HYBOMYS UNIVITTATUS BADIUS Osgood

*Hybomys univittatus badius* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 254, 28 Dec. 1936. Southwest slope of Mt. Cameroon, Cameroon mandate, British Nigeria.

## HYBOMYS UNIVITTATUS LUNARIS (Thomas)

*Mus univittatus lunaris* Thomas, Ann. Mag. Nat. Hist. (7) 18: 145, Aug. 1906. Mubuku Valley, Ruwenzori East, Uganda, 6000 ft.

## HYBOMYS UNIVITTATUS PLANIFRONS (Miller)

*Arricanthis planifrons* Miller, Proc. Washington Acad. Sci., 2: 641, text-f. 41, a, 28 Dec. 1900. Mount Coffee, Liberia.

## HYBOMYS TRIVIRGATUS TRIVIRGATUS (Temminck)

*Mus trivirgatus* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 159, 1853. Dabacrom, Gold Coast.

## HYBOMYS TRIVIRGATUS PEARCEI Ingoldby

*Hybomys trivirgatus pearcei* Ingoldby, Ann. Mag. Nat. Hist. (10) 3: 522, May 1929. Lagos, Nigeria.

## HYLENOMYS Thomas

*Hylonomys* Thomas, Ann. Mag. Nat. Hist. (9) 15: 667, June 1925. Genotype  
*Hylonomys callewærti* Thomas.

## HYLENOMYS CALLEWÆRTI Thomas

*Hylonomys callewærti* Thomas, Ann. Mag. Nat. Hist. (9) 15: 668, June 1925.  
Luluabourg, Lualaba, southern Congo Belge, 610 m.

## HYLOMYSCUS Thomas. Climbing Wood Mice

*Praomys* Thomas, Ann. Mag. Nat. Hist. (8) 15: 477, Dec. 1915, in part.

*Hylomyscus* Thomas, Ann. Mag. Nat. Hist. (9) 17: 178, Jan. 1926. Genotype  
*Epimys æta* Thomas; with list of included species.

## HYLOMYSCUS ÆTA ÆTA (Thomas)

*Epimys æta* Thomas, Ann. Mag. Nat. Hist. (8) 7: 591, June 1911; (8) 10: 43,  
July 1912 (additional notes on size). Bitye, Ja River, Cameroons.

## HYLOMYSCUS ÆTA LATICEPS Osgood

*Hylomyscus æta laticeps* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 247, 28  
Dec. 1936. Southwest slope of Mt. Cameroon, Cameroon Mandate,  
British Nigeria.

## HYLOMYSCUS ÆTA SCHOUTEDENI (Dollman)

*Epimys schoutedeni* Dollman, Revue Zool. Africaine, 4: 82, 25 July 1914.  
Mambaka, Congo Belge.

## HYLOMYSCUS ÆTA WEILERI (Lönnerberg and Gyldenstolpe)

*Rattus (Praomys) weileri* Lönnerberg and Gyldenstolpe, Arkiv f. Zool., 17B:  
no. 5, p. 3, 2 May 1925. Burunga, western foothills of Mt. Mikeno, Bir-  
unga Volcanoes, Congo Belge, 2400 m.

## HYLOMYSCUS ALLENI ALLENI (Waterhouse)

*Mus allenii* Waterhouse, Proc. Zool. Soc. London, for 1837, p. 77, 22 Jan. 1838.  
Fernando Po, Gulf of Guinea.

## HYLOMYSCUS ALLENI CARILLUS (Thomas)

*Mus carillus* Thomas, Ann. Mag. Nat. Hist. (7) 13: 418, June 1904. Pungo  
Andongo, Angola, 1200 m.

## HYLOMYSCUS ALLENI SIMUS G. M. Allen and Coolidge

*Hylomyscus allenii simus* G. M. Allen and Coolidge, in R. P. Strong and others,  
The African Republic of Liberia and the Belgian Congo, 2: 599, 1930.  
Merikay, interior of Liberia.

## HYLOMYSCUS DENNIE DENNIE (Thomas)

*Mus dennie* Thomas, Ann. Mag. Nat. Hist. (7) 18: 144, Aug. 1906. Thomas and Wroughton, Trans. Zool. Soc. London, 19: 504, Mar. 1910. Ruwenzori East, Mubuku Valley, Uganda, 7000 ft.

*Epimys endorobæ* Heller, Smithsonian Misc. Coll., 56: no. 9, p. 3, pl. 2, 3 figs., 22 July 1910. Western edge of Mau Forest, 25 miles north of Eldoma Ravine, Kenya Colony, 8600 ft.

A synonym of *dennie* according to Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 79, 1919.

## HYLOMYSCUS DENNIE BUTLERI (Wroughton)

*Mus butleri* Wroughton, Ann. Mag. Nat. Hist. (7) 20: 503, Dec. 1907. Between Chak Chak and Dem Zubeir, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

## HYLOMYSCUS DENNIE VULCANORUM (Lönnberg and Gyldenstolpe)

*Rattus (Praomys) dennie vulcanorum* Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17B: no. 5, p. 4, 2 May 1925. Mt. Karisimbi, Birunga Volcanoes, Congo Belge, 3800 m.

## HYLOMYSCUS STELLA STELLA (Thomas)

*Epimys stella* Thomas, Ann. Mag. Nat. Hist. (8) 7: 590, June 1911. Ituri Forest, between Mawambi and Avakubi, eastern Congo Belge.

Range: Eastern Congo to Cameroons

## HYLOMYSCUS STELLA KAIMOSÆ (Heller)

*Epimys allenii kaimosæ* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 7, 5 July 1912. Kaimosi, Kakumega Forest, Kenya Colony.

*Rattus stella kaimosæ* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 82, 1919.

## KOMEMYS de Beaux. See Pelomys

## LEGGADA Gray. Pygmy Mice

*Leggada* Gray, Charlesworth's Mag. Nat. Hist., 1: 586, Nov. 1837. Genotype *Leggada booduga* Gray. On the generic characters see Thomas, O., Journ. Bombay Nat. Hist. Soc., 26: 417-420, 20 May 1919.

*Nannomys* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 480, pl. 2, f. 4, Aug. 1876. Subgenus of *Mus*, type *Mus setulosus* Peters.

*Pseudoconomys* Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 531, 8 Dec. 1896. Subgenus of *Mus*, type *Mus proconodon* Rhoads.

## LEGGADA BELLA BELLA Thomas

*Leggada bella* Thomas, Ann. Mag. Nat. Hist. (8) 5: 87, Jan. 1910. Machakos, Kenya Colony.



## LEGGADA BELLA ENCLAVÆ (Heller)

*Mus bellus enclavæ* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 8, 28 Feb. 1911. Rhino Camp, Lado Enclave.

## LEGGADA BELLA GALLARUM Thomas

*Leggada bella gallarum* Thomas, Ann. Mag. Nat. Hist. (8) 5: 88, Jan. 1910. Harar, eastern Abyssinia, 6000 ft.

## LEGGADA BELLA GONDOKORÆ (Heller)

*Mus bellus gondokoræ* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 8, 28 Feb. 1911. Gondokoro, Uganda.

## LEGGADA BELLA INDUTA Thomas

*Leggada bella induta* Thomas, Ann. Mag. Nat. Hist. (8) 5: 89, Jan. 1910. Molopo, west of Morokwen, northern Bechuanaland.

## LEGGADA BELLA KASAICA Cabrera

*Leggada bella kasaica* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 24: 222, 28 Apl. 1924. St. Joseph de Luluabourg, Kasai, Congo Belge.

## LEGGADA BELLA MARICA Thomas

*Leggada bella marica* Thomas, Ann. Mag. Nat. Hist. (8) 5: 88, Jan. 1910. Beira, Mozambique.

## LEGGADA BELLA PETILA (Hollister)

*Mus bellus petilus* Hollister, Smithsonian Misc. Coll., 66: no. 10, p. 3, 26 Oct. 1916. Southern Guaso Nyiro River, Kenya Colony.

## LEGGADA BELLA SYBILLA Thomas

*Leggada bella sybilla* Thomas, Ann. Mag. Nat. Hist. (9) 2: 484, Dec. 1918. Benguella, Angola.

## LEGGADA BELLA VICINA Thomas

*Leggada bella vicina* Thomas, Ann. Mag. Nat. Hist. (8) 5: 88, Jan. 1910. Takaungu, near Mombasa, Kenya Colony.

## LEGGADA BIRUNGENSIS (Lönnerberg and Gyldenstolpe)

*Mus birungensis* Lönnerberg and Gyldenstolpe, Arkiv f. Zool., 17 B: no. 5, p. 5, 2 May 1925. Mt. Mikeno, Birunga Volcanoes, Congo Belge, 3400 m.

## LEGGADA BUFO BUFO Thomas

*Leggada bufo* Thomas, Ann. Mag. Nat. Hist. (7) 18: 145, Aug. 1906. Thomas and Wroughton, Trans. Zool. Soc. London, 19: 506, pl. 23, lower f. (col.), Mar. 1910. Ruwenzori East, Uganda, 6000 ft.

## LEGGADA BUFO WAMBUTTI (Lönnberg and Gyldenstolpe)

*Mus bufo wambutti* Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17B: no. 5, p. 4, 2 May 1925. Campi ya Wambutti, Ituri Forest, eastern Congo Belge.

## LEGGADA DESERTI DESERTI Thomas

*Leggada deserti* Thomas, Ann. Mag. Nat. Hist. (8) 5: 90, Jan. 1910. Molopo, west of Morokwen, northern Bechuanaland.

## LEGGADA DESERTI PRETORIÆ Roberts

*Leggada deserti pretoriæ* Roberts, Ann. Transvaal Mus., 11: 252, 14 Sep. 1926. Pretoria, Transvaal.

## LEGGADA DESERTI VALSCHENSIS Roberts

*Leggada deserti valschensis* Roberts, Ann. Transvaal Mus., 11: 251, 14 Sep. 1926. Bothaville, Orange Free State.

## LEGGADA EMESI (Heller)

*Mus musculoides emesi* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 5, 28 Feb. 1911. Kabula Muliro, Uganda.

A distinct species from *L. triton* (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 96, 1919).

## LEGGADA GERBILLUS G. M. Allen and Loveridge

*Leggada gerbillus* G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 112, Feb. 1933. Dodoma, Ugogo, Tanganyika Territory.

## LEGGADA GRATA GRATA Thomas and Wroughton

*Leggada grata* Thomas and Wroughton, Trans. Zool. Soc. London, 19: 507, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda.

*Mus gratus sungaræ* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 7, 28 Feb. 1911. West Kenya Forest Station, Kenya Colony, 7500 ft. Synonym of *L. grata* (see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 102, 1919).

## LEGGADA GRATA SORICOIDES (Heller)

*Mus gratus soricoides* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 10, 24 June 1914. Mt. Mbololo, Taita Hills, Kenya Colony.

## LEGGADA HAUSSA Thomas and Hinton

*Leggada haussa* Thomas and Hinton, Novitates Zool., 27: 319, 15 June 1920. Farniso, near Kano, northern Nigeria, 1700 ft.

## LEGGADA MAHOMET (Rhoads)

*Mus mahomet* Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 532, 8 Dec. 1896. Sheikh Mahomet, western British Somaliland.

## LEGGADA MATSCHIEI (Wettstein)

*Mus (Leggada) matschiei* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 160, 1916. Gebel Debri, south of Gebel Gulfan, southern Kordofan, Anglo-Egyptian Sudan.

## LEGGADA MINUTOIDES MINUTOIDES (A. Smith)

*Mus minutoides* A. Smith, South African Quart. Journ., 2: 157, 1834. Thomas, Proc. Zool. Soc. London, p. 13, June 1888 (synonymy). Near Cape Town, Cape of Good Hope.

*Mus minimus* Peters, Ber. über Verhandl. K. Preuss. Akad. Wiss., Berlin, p. 274, 1852. Tette, Buio, Macanga, Mozambique. Not *Mus minimus* White, 1789, which is a *Micromys*.

## LEGGADA MINUTOIDES NEAVEI Thomas

*Leggada neavei* Thomas, Ann. Mag. Nat. Hist. (8) 5: 90, Jan. 1910. Petauke, eastern Loangwe district, northeastern Rhodesia, 2400 ft.

## LEGGADA MINUTOIDES ORANGLE Roberts

*Leggada orangie* Roberts, Ann. Transvaal Mus., 11: 251, 14 Sep. 1926. Krui-sementfontein, Viljoens Drift, Orange Free State.

## LEGGADA MINUTOIDES UMBRATA Thomas

*Leggada minutoides umbrata* Thomas, Ann. Mag. Nat. Hist. (8) 5: 86, Jan. 1910. Wakkerstroom, southeastern Transvaal, 5900 ft.

## LEGGADA MUSCULOIDES (Temminck)

*Mus musculooides* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 161, 1853. "Côte de Guinée," West Africa.

*Mus (Nannomys) setulosus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 480, pl. 2, f. 4 (col.), 1876. Victoria, Cameroons.

## LEGGADA PAULINA Thomas

*Leggada paulina* Thomas, Ann. Mag. Nat. Hist. (9) 2: 485, Dec. 1918. Biteye, Ja River, Cameroons, 2000 ft.

Probably a race of *musculooides* (fide Thomas).

## LEGGADA PROCONODON PROCONODON (Rhoads)

*Mus (Pseudoconomys) proconodon* Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 531, 8 Dec. 1896. Sheikh Husein, western British Somaliland.

## LEGGADA PROCONODON PASHA Thomas

*Leggada pasha* Thomas, Ann. Mag. Nat. Hist. (8) 5: 89, Jan. 1910. Tingasi, Monbuttu, Uele district, Congo Belge.

*Mus proconodon pasha* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 247, 28 Dec. 1936.

## LEGGADA SORELLA Thomas

*Leggada sorella* Thomas, Ann. Mag. Nat. Hist. (8) 4: 548, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 ft.

## LEGGADA SPRETA (Lataste)

*Mus spretus* Lataste, Actes Soc. Linn. de Bordeaux, (4) 7: 27, text-f. 5, 6, 20 Mar. 1883. Oued Magra, between M'sila and Barika, north of Hodna, high plateau of Algeria.

The cranial proportions are like those of a *Leggada* as measured on Lataste's figures, but possibly this name is a synonym of a form of *Mus*.

## LEGGADA TENELLA TENELLA Thomas

*Leggada tenella* Thomas, Proc. Zool. Soc. London, 1: 298, 6 Aug. 1903. Roseires, Blue Nile, Anglo-Egyptian Sudan.

## LEGGADA TENELLA ACHOLI (Heller)

*Mus tenellus acholi* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 6, 28 Feb. 1911. Rhino Camp, Lado Enclave.

## LEGGADA TENELLA SUAHELICA Thomas

*Leggada tenella suahelica* Thomas, Ann. Mag. Nat. Hist. (8) 6: 312, Sep. 1910. Taveta, foot of Mt. Kilimanjaro, Tanganyika Territory.

## LEGGADA TRITON TRITON Thomas

*Leggada triton* Thomas, Ann. Mag. Nat. Hist. (8) 4: 548, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 ft.

*Leggada nainashæ* Heller, Smithsonian Misc. Coll., 54: no. 1924, p. 2, pl. 2, a, 28 Feb. 1910. Base of Aberdare Mts., eastern edge of Naivasha Plains, Kenya Colony.

## LEGGADA TRITON FORS Thomas

*Leggada fors* Thomas, Ann. Mag. Nat. Hist. (8) 4: 548, Dec. 1909 (in description of *L. triton* where skull length is given, as noted by Hollister, in Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 96, 1919). Butagu Valley, Ruwenzori West.

See also Thomas and Wroughton, Trans. Zool. Soc. London, 19: 506, Mar. 1910.

## LEGGADA TRITON MURILLA Thomas

*Leggada triton murilla* Thomas, Ann. Mag. Nat. Hist. (8) 5: 91, Jan. 1910. Machakos, Kenya Colony, 5400 ft.

## LEGGADA WAMÆ (Heller)

*Mus wamæ* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 5, 28 Feb. 1911. Kapiti Plains, Kenya Colony.

## LEMNISCOMYS Trouessart. Striped Grass Mice

*Lemniscomys* Trouessart, Bull. Soc. d'Etudes Sci., Angers, 10: 124, 1881. Subgenus of *Mus*; type *Mus barbarus* Linnaeus.

For diagnostic characters, see Thomas, O., Ann. Mag. Nat. Hist. (8) 18: 68, July 1916.

## LEMNISCOMYS BARBARUS BARBARUS (Linnaeus)

*Mus barbarus* Linnaeus, Syst. Nat., ed. 12, 1: pt. 2, addenda, unpagged at end of vol., 1767. "Barbaria," i.e. Morocco.

## LEMNISCOMYS BARBARUS ALBOLINEATUS (Osgood)

*Arricanthis barbarus albolineatus* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 11, 16 Feb. 1910. Lukenya Mt., Ulukenia Hills, Kenya Colony.

## LEMNISCOMYS BARBARUS CONVICTUS (Osgood)

*Arricanthis barbarus convictus* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 10, 16 Feb. 1910. Voi, Kenya Colony.

## LEMNISCOMYS BARBARUS FASCIATUS (Wroughton)

*Arricanthis fasciatus* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 377, Apl. 1906. Agoulerie, Anambra Creek, southern Nigeria.

## LEMNISCOMYS BARBARUS IFNIENSIS Morales Agacino. Morocco Striped Grass Mouse

*Lemniscomys barbarus ifniensis* Morales Agacino, Bol. Soc. Española Hist. Nat., Madrid, 35: 390, text-f. 1, 25 Aug. 1935. Sidi Ifni, Ifni, Spanish Morocco.

## LEMNISCOMYS BARBARUS MANTEUFELI Matschie

*Lemniscomys barbarus manteufeli* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 338, Oct. 1911. Mwanza, south coast of Lake Victoria, Tanganyika Territory.

## LEMNISCOMYS BARBARUS NIGERIÆ (Thomas)

*Arricanthis barbarus nigeriæ* Thomas, Ann. Mag. Nat. Hist. (8) 9: 272, Feb. 1912. Panyan Plateau, northern Nigeria.

## LEMNISCOMYS BARBARUS SPEKEI (De Winton)

*Arricanthis spekei* De Winton, Ann. Mag. Nat. Hist. (6) 20: 318, Sep. 1897. Unyamuezi, Tanganyika Territory.

*Lemniscomys barbarus spekei* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 338, Oct. 1911.

## LEMNISCOMYS BARBARUS ZEBRA (Heuglin)

*Mus zebra* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 31: Abhandl., no. 7, p. 10, 1864. Country of the Req negroes, Djur and Bongo, Anglo-Egyptian Sudan.

## LEMNISCOMYS DUNNI DUNNI (Thomas)

*Arvicanthis dunni* Thomas, Proc. Zool. Soc. London, 1: 297, 6 Aug. 1903. Kaga Hills, western Kordofan, Anglo-Egyptian Sudan.

A race of *L. barbarus* according to Bræstrup (Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 120, 11 Sep. 1935).

## LEMNISCOMYS DUNNI NUBALIS Thomas and Hinton

*Lemniscomys dunni nubalis* Thomas and Hinton, Proc. Zool. Soc. London, p. 263, 6 July 1923. Talodi, Nuba Country, southern Kordofan, Anglo-Egyptian Sudan.

## LEMNISCOMYS DUNNI OLGA Thomas and Hinton

*Lemniscomys olga* Thomas and Hinton, Novitates Zool., 28: 9, 14 May 1921. Takoukout, Damergou, French West Africa.

## LEMNISCOMYS GRISELDA GRISELDA (Thomas). Single-striped Grass Mouse

*Arvicanthis dorsalis griselda* Thomas, Ann. Mag. Nat. Hist. (7) 13: 414, June 1904. Muene Coshi, Jinga country, Angola.

For use of *griselda* as a specific name in place of *dorsalis*, see Thomas, O., Proc. Zool. Soc. London, p. 385, 12 July 1927.

## LEMNISCOMYS GRISELDA CALIDIOR (Thomas and Wroughton)

*Arvicanthis dorsalis calidior* Thomas and Wroughton, Proc. Zool. Soc. London, p. 545, 30 Oct. 1908. Tambarara, Gorongoza Mts., Zambesia, Mozambique.

## LEMNISCOMYS GRISELDA FITZSIMONSI Roberts

*Lemniscomys griselda fitzsimonsi* Roberts, Ann. Transvaal Mus., 15: 11, 1 Oct. 1932. Kaotwe Pan, central Kalahari, Bechuanaland.

## LEMNISCOMYS GRISELDA LINULUS (Thomas)

*Arvicanthis linulus* Thomas, Ann. Mag. Nat. Hist. (8) 6: 429, Oct. 1910. Gamon, French Gambia.

## LEMNISCOMYS GRISELDA MACULOSUS (Osgood)

*Arvicanthis dorsalis maculosus* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 17, 7 Apl. 1910. Voi, Kenya Colony.

*Arvicanthis dorsalis phæotis* Thomas, Ann. Mag. Nat. Hist. (8) 6: 429, Oct. 1910. Mazeras, Kenya Colony.



## LEMNISCOMYS GRISELDA MEARNESI Heller

*Lemniscomys dorsalis mearnsi* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 12, 24 June 1914. Fort Hall, Kenya Colony.

## LEMNISCOMYS GRISELDA ROSALIA (Thomas)

*Arvicanthus dorsalis rosalia* Thomas, Ann. Mag. Nat. Hist. (7) 13: 414, June 1904. Monda, Nguru Mts., Tanganyika Territory.

## LEMNISCOMYS GRISELDA SABULATUS Thomas

*Lemniscomys griselda sabulata* Thomas, Proc. Zool. Soc. London, p. 385, 12 July 1927. Sandfontein, Gobabis district, Southwest Africa.

## LEMNISCOMYS GRISELDA SPINALIS Thomas

*Mus dorsalis* A. Smith, Illustr. Zool. South Africa, Mamm., pl. 46, f. 2, and text, Oct. 1845. "North of the Orange River"; assumed to be the western Transvaal (Roberts, A., Ann. Transvaal Mus., 5: 271, 1917).

Name preoccupied by *Mus dorsalis* G. Fischer, 1814.

*Lemniscomys griselda spinalis* Thomas, Ann. Mag. Nat. Hist. (8) 18: 69, footnote, July 1916. New name to replace *Mus dorsalis* A. Smith, 1845, preoccupied by *Mus dorsalis* G. Fischer, 1814, a *Sicista*.

## LEMNISCOMYS GRISELDA ZULUENSIS Roberts

*Lemniscomys griselda zuluensis* Roberts, Ann. Transvaal Mus., 14: 235, 28 July 1931. Manaba, northern Zululand, Cape of Good Hope.

## ?LEMNISCOMYS LINEATO-AFFINIS (Hedenborg)

*Mus lineato-affinis* Hedenborg, Oken's Isis, p. 5, 1832. Sennaar. Status uncertain; probably not intended as a technical name.

## LEMNISCOMYS LYNESI Thomas and Hinton

*Lemniscomys lynesi* Thomas and Hinton, Proc. Zool. Soc. London, p. 267, 6 July 1923. Central Jebel Marra, Darfur, Anglo-Egyptian Sudan, 7700-9750 ft.

## LEMNISCOMYS MACCULUS MACCULUS (Thomas and Wroughton)

*Arvicanthus macculus* Thomas and Wroughton, Trans. Zool. Soc. London, 19: 515, pl. 24 (left-hand fig.), Mar. 1910. Moki, southeastern Ruwenzori, Uganda.

*Lemniscomys macculus macculus* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 138, 1919.

## LEMNISCOMYS MACCULUS AKKA (Thomas)

*Arvicanthus macculus akka* Thomas, Ann. Mag. Nat. Hist. (8) 16: 479, Dec. 1915. Tingasi, Bomakandi River, Congo Belge.

## LEMNISCOMYS OWENI OWENI (Thomas)

*Arvicanthus oweni* Thomas, Ann. Mag. Nat. Hist. (8) 8: 120, July 1911. Gemenjulla, French Gambia.

## LEMNISCOMYS OWENI ORIENTALIS Hatt

*Lemniscomys oweni orientalis* Hatt, Amer. Mus. Novitates, no. 790, p. 2, 10 Apl. 1935. Faradje, Congo Belge.

## LEMNISCOMYS STRIATUS STRIATUS (Linnæus). Striped Grass Mouse

*Mus striatus* Linnæus, Syst. Nat., ed. 10, 1: 62, 1758. "India" = Sierra Leone (see Thomas, Proc. Zool. Soc. London, p. 148, Mar. 1911).

*Mus orientalis* Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 29: 59, 1819. "de l'Inde." Based on Seba; not *Mus orientalis* Cretzschmar, 1826, = *Mus musculus* Linnæus.

*Golunda pulchella* Gray, Proc. Zool. Soc. London, p. 57, July 1864. "West Africa."

## LEMNISCOMYS STRIATUS ARDENS (Thomas)

*Arvicanthus pulchellus ardens* Thomas, Ann. Mag. Nat. Hist. (8) 6: 313, Sep. 1910. Rombo, Mt. Kilimanjaro, Tanganyika Territory, 6000 ft.

## LEMNISCOMYS STRIATUS LULUÆ Matschie

*Lemniscomys luluæ* Matschie, Zeitschr. f. Säugetierk., 1: 112, 24 Dec. 1926. Shibakala, near Luluabourg, Lulua River, Congo Belge.

## LEMNISCOMYS STRIATUS MASSAICUS (Pagenstecher)

*Mus (Lemniscomys) barbarus* L. var. *massaicus* Pagenstecher, Jahrb. Hamburg. Wiss. Anstalt, Hamburg, 2: 45, 1885. Lake Naivasha, and Nguruman, Kenya Colony.

*Arvicanthus pulchellus micropus* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 9, 28 Feb. 1911. Rhino Camp, Lado Enclave.

*Lemniscomys pulchellus spermophilus* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 11, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony. See Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 139, 1919.

## LEMNISCOMYS STRIATUS PULCHER (Wroughton)

*Arvicanthus pulcher* Wroughton, Ann. Mag. Nat. Hist. (7) 17: 378, Apl. 1906. Agoulerie, Anambra Creek, southern Nigeria.

## LEMNISCOMYS STRIATUS VENUSTUS (Thomas)

*Arvicanthus striatus venustus* Thomas, Ann. Mag. Nat. Hist. (8) 7: 461, May 1911. Panyam, northern Nigeria, 4000 ft.

## LEMNISCOMYS STRIATUS WROUGHTONI (Thomas)

*Arvicanthus wroughtoni* Thomas, Ann. Mag. Nat. Hist. (8) 5: 85, Jan. 1910. Nono, west of Addis Ababa, Abyssinia (= Ethiopia).

## LOPHUROMYS Peters

*Lasiomys* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 409, pl., f. 5-8, 1866 (not of Burmeister, 1854). Genotype *Lasiomys afer* Peters = *Mus sikapusi* Temminck.

*Lophuromys* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 234, 1874. Genotype *Lasiomys afer* Peters = *Mus sikapusi* Temminck. New name in place of *Lasiomys* Peters, not of Burmeister, 1854.

## LOPHUROMYS AQUILUS AQUILUS (True)

*Mus aquilus* True, Proc. U. S. Nat. Mus., 15: 460, text-f. 1, 26 Oct. 1892. Mt. Kilimanjaro, Tanganyika Territory, 8000 ft.

*Lophuromys rubecula* Dollman, Ann. Mag. Nat. Hist. (8) 4: 551, Dec. 1909. Elgonyi, Mt. Elgon, Kenya Colony, 7000 ft.

## LOPHUROMYS AQUILUS CHRYSOPUS Osgood

*Lophuromys aquilus chrysopus* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 242, 28 Dec. 1936. Allata, Sidamo, Ethiopia.

## LOPHUROMYS AQUILUS LATICEPS Thomas and Wroughton

*Lophuromys laticeps* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 383, May 1907. Lake Kivu, Congo Belge, 4900 ft.

## LOPHUROMYS AQUILUS MARGARETTÆ Heller

*Lophuromys aquilus margarettæ* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 7, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony, 6000 ft.

## LOPHUROMYS AQUILUS ZENA Dollman

*Lophuromys zena* Dollman, Ann. Mag. Nat. Hist. (8) 4: 550, Dec. 1909. East side of Aberdare Range, near Nyeri, Kenya Colony, 9581 ft.

A recognizable race according to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 243, 28 Dec. 1936).

## LOPHUROMYS BREVICAUDUS Osgood

*Lophuromys brevicaudus* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 241, 28 Dec. 1936. Mt. Albasso, Chilalo Mts., Arusi, Ethiopia.

## LOPHUROMYS FLAVOPUNCTATUS FLAVOPUNCTATUS Thomas

*Lophuromys flavo-punctatus* Thomas, Proc. Zool. Soc. London, p. 14, footnote, June 1888. Shoa, Abyssinia; "type . . . probably obtained at Ankober, about 100 miles N. E. of Addis Ababa" (Thomas, Proc. Zool. Soc. London, for 1902, 2: 314, Apl. 1903).

## LOPHUROMYS FLAVOPUNCTATUS BRUNNEUS Thomas

*Lophuromys aquilus brunneus* Thomas, Ann. Mag. Nat. Hist. (7) 18: 305, Oct. 1906. Manno, Jimma, Abyssinia, 4200 ft.

According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 240, 18 Dec. 1936) this is related only to *L. flavopunctatus* and is probably a synonym of *L. f. zaphiri*.

## LOPHUROMYS FLAVOPUNCTATUS SIMENSIS Osgood

*Lophuromys flavopunctatus simensis* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 238, 28 Dec. 1936. Ras Dashan (Mt. Geech), Simien Mts., north-eastern Ethiopia.

## LOPHUROMYS FLAVOPUNCTATUS ZAPHIRI Thomas

*Lophuromys zaphiri* Thomas, Ann. Mag. Nat. Hist. (7) 18: 304, Oct. 1906. Bodeli, Walamo, Abyssinia, 6200 ft.

*Lophuromys flavopunctatus zaphiri* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 241, 28 Dec. 1936.

## LOPHUROMYS LUTEOGASTER Hatt

*Lophuromys luteogaster* Hatt, Amer. Mus. Novitates, no. 708, p. 4, 4 Apl. 1934. Medje, Ituri district, Congo Belge.

## LOPHUROMYS MAJOR Thomas and Wroughton

*Lophuromys major* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 382, May 1907. Bwanda, Ubangi River, Congo Belge.

## LOPHUROMYS NASO Thomas

*Lophuromys naso* Thomas, Ann. Mag. Nat. Hist. (8) 7: 381, Apl. 1911. Gaboon.

## LOPHUROMYS NUDICAUDUS Heller

*Lophuromys nudicaudus* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 11, 28 Feb. 1911. Efulen, Bula Country, Cameroons.

## LOPHUROMYS RITA Dollman

*Lophuromys rita* Dollman, Ann. Mag. Nat. Hist. (8) 5: 179, Feb. 1910. Lufupa River, Katanga, Congo Belge, 4000 ft.

## LOPHUROMYS SIKAPUSI SIKAPUSI (Temminck)

*Mus sikapusi* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 160, 1853. Dabacrom, Gold Coast.

*Lasiomys afer* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 409, pl., f. 5-8, 1866. "Guinea."

*Lophuromys tullbergi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 337, Oct. 1911 (new name for *Lophuromys afer* Tullberg, not Peters). Rio del Rey region, near coast of northern Cameroons.

**LOPHUROMYS SIKAPUSI ANSORGEI** De Winton

*Lophuromys ansorgei* De Winton, Proc. Zool. Soc. London, p. 607, pl. 27, Oct. 1896. Mumia's, Nyanza Province, Kenya Colony.

**LOPHUROMYS SIKAPUSI MANTEUFELI** Matschie

*Lophuromys sikapusi manteufeli* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 335, Oct. 1911. Mwanza, south coast of Victoria Nyanza, Tanganyika Territory.

**LOPHUROMYS SIKAPUSI PYRRHUS** Heller

*Lophuromys pyrrhus* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 10, 28 Feb. 1911. Rhino Camp, Lado Enclave.

**LOPHUROMYS WOOSNAMI WOOSNAMI** Thomas

*Lophuromys woosnami* Thomas, Ann. Mag. Nat. Hist. (7) 18: 146, Aug. 1906; Thomas and Wroughton, Trans. Zool. Soc. London, 19: 512, pl. 24, lower f. (col.), Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 6000 ft.

**LOPHUROMYS WOOSNAMI PRITTIEI** Thomas

*Lophuromys prittiei* Thomas, Ann. Mag. Nat. Hist. (8) 8: 377, Sep. 1911. Kigezi, Mfumbiro region, southwestern Uganda.

**MALACOMYS A. Milne-Edwards**

*Malacomys* A. Milne-Edwards, Bull. Soc. Philomathique, Paris, (6) 12: pt. 2, p. 10, 1877. Genotype *Malacomys longipes* Milne-Edwards.

Key to described forms: Hayman, R. W., Proc. Zool. Soc. London, for 1935, p. 932, 10 Jan. 1936.

**MALACOMYS LONGIPES LONGIPES** A. Milne-Edwards

*Malacomys longipes* A. Milne-Edwards, Bull. Soc. Philomathique, Paris, (6) 12: pt. 2, p. 10, 1877. Gaboon River.

**MALACOMYS LONGIPES CENTRALIS** De Winton

*Malacomys centralis* De Winton, Ann. Mag. Nat. Hist. (6) 19: 465, Apl. 1897. Monbuttu, Tingasi, Congo Belge.

**MALACOMYS LONGIPES EDWARDSI** Rochebrune

*Malacomys edwardsi* Rochebrune, Bull. Soc. Philomathique, Paris, (7) 9: 87, 1885. Liberia, Mellacorée River.

**MALACOMYS LONGIPES WILSONI** Thomas

*Malacomys wilsoni* Thomas, Ann. Mag. Nat. Hist. (8) 18: 238, Aug. 1916. Inkongo, Congo Belge.

## MASTOMYS Thomas. Multimammate Rats

*Mastomys* Thomas, Ann. Mag. Nat. Hist. (8) 16: 477, Dec. 1915. As a sub-genus of *Epimys* (= *Rattus*), type *Mus coucha* A. Smith.

## MASTOMYS COUCHA COUCHA (A. Smith)

*Mus coucha* A. Smith, App. to Rept. Exped. for Exploring Central Africa from Cape of Good Hope, June 23, 1834, p. 43, 1836. Between Orange River and the Tropic, Bechuanaland.

## MASTOMYS COUCHA BLAINEI (Wroughton)

*Mus blainei* Wroughton, Ann. Mag. Nat. Hist. (7) 20: 502, Dec. 1907. Chak Chak, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

A *Mastomys* (see Bræstrup, F. W., Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 117, 11 Sep. 1935).

## MASTOMYS COUCHA BRADFIELDI Roberts

*Mastomys coucha bradfieldi* Roberts, Ann. Transvaal Mus., 11: 257, 14 Sep. 1926. Quickborn, Okahandja, Southwest Africa.

*Mastomys coucha oвамбоensis* Roberts, Ann. Transvaal Mus., 11: 258, 14 Sep. 1926. Namutoni, Etosha Pan, Grootfontein district, (not Ovamboland), Southwest Africa.

Synonym of *M. c. bradfieldi* according to Thomas (Proc. Zool. Soc. London, p. 388, 12 July 1927).

## MASTOMYS COUCHA CUNINGHAMEI (Wroughton)

*Mus cuninghamei* Wroughton, Ann. Mag. Nat. Hist. (8) 1: 256, Mar. 1908. Chivi Island, Lake Victoria, Kenya Colony.

## MASTOMYS COUCHA DURUMÆ (Heller)

*Epimys coucha durumæ* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 9, 5 July 1912. Mazeras, Kenya Colony.

## MASTOMYS COUCHA EFFECTUS (Dollman)

*Epimys effectus* Dollman, Ann. Mag. Nat. Hist. (8) 7: 524, May 1911. Lake Baringo, Kenya Colony.

*Epimys evelyni* Dollman, Ann. Mag. Nat. Hist. (8) 7: 526, May 1911. Lake Baringo, Kenya Colony, 4000 ft. Probably a synonym of *effectus* (see Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 87, 1919).

## MASTOMYS COUCHA ERYTHROLEUCUS (Temminck)

*Mus erythroleucus* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 160, 1853. Guinea.



**MASTOMYS COUCHA GAMBIANUS** (Thomas)

*Epimys gambianus* Thomas, Ann. Mag. Nat. Hist. (8) 8: 122, July 1911.  
Gamon, French Gambia.

A synonym of *Mastomys c. erythroleucus* Temminck according to Wroughton, Ann. Mag. Nat. Hist. (8) 1: 256, Mar. 1908.

**MASTOMYS COUCHA GARDULENSIS** (Frick)

*Epimys hildebrandti* (sic) *gardulensis* Frick, Ann. Carnegie Mus., 9: 18, 6 June 1914. Gardula, southern Abyssinia, 4000 ft.

**MASTOMYS COUCHA HILDEBRANDTII** (Peters)

*Mus hildebrandtii* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 200, 1878. Ndi, Taita, Kenya Colony.

**MASTOMYS COUCHA HUBERTI** (Wroughton)

*Mus huberti* Wroughton, Ann. Mag. Nat. Hist. (8) 1: 255, Mar. 1908. Zungeru, northern Nigeria.

**MASTOMYS COUCHA ISMAILLÆ** (Heller)

*Epimys concha* (sic) *ismailiæ* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 9, 24 June 1914. Gondokoro, Uganda.

**MASTOMYS COUCHA ITIGIENSIS** Hatt

*Mastomys coucha itigiensis* Hatt, Amer. Mus. Novitates, no. 791, p. 3, 11 Apl. 1935. Gwao's, near Itigi, Tanganyika Territory.

**MASTOMYS COUCHA KOMATIENSIS** Roberts

*Mastomys coucha komatiensis* Roberts, Ann. Transvaal Mus., 11: 259, 14 Sep. 1926. Arnheemburg, Komati River, Transvaal.

**MASTOMYS COUCHA LATERALIS** (Heuglin)

*Mus lateralis* Heuglin, Reise in Nordost-Afrika, 2: 71, 1877. Dembea Province, Ethiopia.

*Mus lacaziæna* Heuglin, Reise in Nordost-Afrika, 2: 72, 1877. Takazié River, Abyssinia.

*Mastomys coucha lateralis* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 249, 28 Dec. 1936.

**MASTOMYS COUCHA LIMPOPOENSIS** (Roberts)

*Mus limpopoensis* Roberts, Ann. Transvaal Mus., 4: 183, 22 Aug. 1914. Sand River, northeastern Transvaal.

## MASTOMYS COUCHA MACROLEPIS (Sundevall)

*Mus macrolepis* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 218, 1843. Sennaar, Anglo-Egyptian Sudan.

Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 249, 28 Dec. 1936) treats this as a species distinct from *M. coucha*.

*Mus limbatus* Wagner, Arch. f. Naturgesch., 11: sect. 1, p. 149, 1845. Sennaar, Anglo-Egyptian Sudan. A *Mastomys*, see Thomas and Hinton, Proc. Zool. Soc. London, p. 266, 6 July 1923; Bræstrup, F. W., Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 117, 11 Sep. 1935.

*Mus kerensis* Heuglin, Reise in Nordost-Afrika, 2: 67, 1877. Keren, Bogos country, Abyssinia, in dwellings.

*Epinys azrek* Wroughton, Ann. Mag. Nat. Hist. (8) 8: 460, Oct. 1911. Roseires, Blue Nile, Anglo-Egyptian Sudan. Based on a young specimen of *Mastomys c. macrolepis*.

## MASTOMYS COUCHA MARIKQUENSIS (A. Smith)

*Mus marikquensis* A. Smith, App. Rept. Exped. for Exploring Central Africa from Cape of Good Hope, June 23, 1834, p. 43, 1836. "Country beyond Kurrichaine," Transvaal.

*Mastomys coucha marikquensis* Roberts, Ann. Transvaal Mus., 11: 258, 14 Sep. 1926 (valid race).

*Mus breyeri* Roberts, Ann. Transvaal Mus., 5: 120, 28 Aug. 1915. Moorddrift, Waterberg district, Transvaal.

*Mastomys coucha breyeri* Roberts, Ann. Transvaal Mus., 11: 258, 14 Sep. 1926.

*Mus socialis* Roberts, Ann. Transvaal Mus., 4: 88, 20 Oct. 1913. Wonderfontein, Transvaal. Not *Mus socialis* Pallas.

*Mastomys coucha socialis* Shortridge, Mamm. South West Africa, 1: 303, 1934 (misprint).

According to Roberts (Ann. Transvaal Mus., 11: 258, 14 Sep. 1926) this is a synonym of *M. c. marikquensis* (A. Smith).

## MASTOMYS COUCHA MICRODON (Peters)

*Mus microdon* Peters, Reise nach Mossambique, Säugeth., p. 149, pl. 35, f. 5, 6; pl. 36, f. 1, 1852. Tette, Boror, Mozambique.

## MASTOMYS COUCHA NATALENSIS (A. Smith)

*Mus natalensis* A. Smith, Illustr. Zool. South Africa, Mamm., pl. 47, f. 2, Oct. 1847. Port Natal, Natal.

*Mus illovoensis* Jentink, Zool. Jahrb., Syst., 28: 248, text-f. L, 15 Oct. 1909. Lower Illovo, Natal.

*Mus coucha zuluensis* Thomas and Schwann, Proc. Zool. Soc. London, 1: 268, 10 Aug. 1905. Umvolosi Station, Zululand, Natal.

Probably same as *M. c. microdon* (see Thomas and Wroughton, Proc. Zool. Soc. London, p. 546, 30 Oct. 1908), in which case *natalensis* supersedes.

**MASTOMYS COUCHA NEUMANNI** (Heller)

*Epimys coucha neumani* (sic) Heller, Smithsonian Misc. Coll., 59: no. 16, p. 8, 5 July 1912. Neumann's Boma, Northern Guaso Nyiro, Kenya Colony.

**MASTOMYS COUCHA PALLIDA** (Dollman)

*Epimys coucha pallida* Dollman, Abstr. Proc. Zool. Soc. London, no. 131, p. 25, 14 Apl. 1914; Proc. Zool. Soc. London, p. 314, 16 June 1914. Kamchuru, Lohor, Central Province, Uganda.

**MASTOMYS COUCHA PANYA** (Heller)

*Epimys panya* Heller, Smithsonian Misc. Coll., 56: no. 9, p. 2, pl. 2, 3 figs., 22 July 1910. Juja Farm, Athi Plains, Kenya Colony.

**MASTOMYS COUCHA PEREGRINUS** (De Winton)

*Mus peregrinus* De Winton, Proc. Zool. Soc. London, for 1897, p. 959, 1 Apl. 1898. Ras-el-Ain, Haha, Morocco.

For figure of skull, see Cabrera, A., Los mamíferos de Marruecos, in Trab. Mus. Nac. de Cienc. Nat., Madrid, zool. ser., no. 57, p. 270, text-f. 32, 30 Dec. 1932.

*Mus calopus* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 6: 365, July 1906. Mogador, Morocco.

**MASTOMYS COUCHA SILACEUS** (Wagner)

*Mus silaceus* Wagner, Arch. f. Naturgesch., 8: sect. 1, p. 11, 1842. Cape of Good Hope.

*Mastomys coucha silaceus* Roberts, Ann. Transvaal Mus., 11: 257, 14 Sep. 1926. A valid race from the Albany district, Cape of Good Hope.

**MASTOMYS COUCHA TINCTUS** (Hollister)

*Rattus coucha tinctus* Hollister, Smithsonian Misc. Coll., 68: no. 10, p. 1, 16 Jan. 1918. Kaimosi, Kenya Colony.

**MASTOMYS COUCHA UGANDÆ** (De Winton)

*Mus ugandæ* De Winton, Ann. Mag. Nat. Hist. (6) 20: 317, Sep. 1897. Entebbe, Uganda.

*Rattus somereni* Kershaw, Ann. Mag. Nat. Hist. (9) 11: 594, May 1923. Kabaroni, Bukedi district, western foothills of Mt. Elgon, eastern Uganda, 7000 ft.

Range: Lado to northern Victoria Nyanza.

**MASTOMYS COUCHA VICTORIÆ** (Matschie)

*Mus (Epimys) microdon victoriæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 342, Oct. 1911. Mwanza, Speke Gulf, Lake Victoria Tanganyika Territory.

## MASTOMYS RUFIDORSALIS (Heuglin)

*Mus* (?) *rufidorsalis* Heuglin, Reise in Nordost-Afrika, 2: 70, 1877. Simen and Wogara, Abyssinia. An *Arvicanthis* according to Trouessart (Cat. Mamm. Viv. Foss., Suppl., p. 375, 1904).

## MURICULUS Thomas

*Muriculus* Thomas, Proc. Zool. Soc. London, for 1902, 2: 314, Apl. 1903. Genotype *Mus imberbis* Rüppell.

## MURICULUS IMBERBIS IMBERBIS (Rüppell)

*Mus imberbis* Rüppell, Mus. Senckenbergianum, 3: 110, pl. 6, f. 4, 1842. Simen, Ethiopia, 3300 m.

## MURICULUS IMBERBIS CHILALOENSIS Osgood

*Muriculus imberbis chilaloensis* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 245, 28 Dec. 1936. Mt. Albasso, northeastern Chilalo Mts., Arusi, Ethiopia.

## Mus Linnæus. House Mice

*Mus* Linnæus, Syst. Nat., ed. 10, 1: 59, 1758. Genotype *Mus musculus* Linnæus.

*Musculus* Rafinesque, Precis d. Decouvertes Somnologiques, p. 13, 1814. Substitute for *Mus*.

*Dryomys* Tschudi, Fauna Peruana, Therologie, p. 178, pl. 13, f. 1, 1844. Genotype *Dryomys parvulus* Tschudi = *Mus musculus* Linnæus.

## MUS MUSCULUS MUSCULUS Linnæus. House Mouse

*Mus musculus* Linnæus, Syst. Nat., ed. 10, 1: 62, 1758. Sweden.

*Mus orientalis* Cretzschmar, Rüppell's Atlas z. d. Reise im Nördliche Afrika, p. 76, pl. 30a, 1826 (not of Desmarest, Nouv. Dict. d'Hist. Nat., ed. 2, 29: 59, 1819, which is *Mus striatus* Linnæus, 1758). Massawa, Ethiopia.

*M[us] modestus* Wagner, Arch. f. Naturg., 8: sect. 1, p. 14, 1842; Schreber's Säugethiere, Suppl., 3: 432, pl. 181A, 1843. Cape of Good Hope.

*Mus vignaudii* Demurs and Prevost, in Lefebvre's Voy. en Abyssinie, Atlas, Zool., pl. 5, f. 2, 1850. Abyssinia.

*Mus pallesceus* (sic) Heuglin, Reise in Nord-Ost Afrika, 2: 72, 1877. Northern Sennaar. Synonym of *Mus musculus orientalis* according to Thomas.

## MUS MUSCULUS BREVIROSTRIS Waterhouse

*Mus brevirostris* Waterhouse, Proc. Zool. Soc. London, p. 19, 21 Nov. 1837. Maldonado, Uruguay (introduced from Spain to Morocco).

*Mus azoricus* Schinz, Syst. Verzeichn. Säugeth., 2: 161, 1845. In insulis Azoricis.

[*Mus musculus*, var.] *flavescens* Lataste, Actes Soc. Linn. de Bordeaux, (4) 7 = 37: 21, 1883 (not of Fitzinger). Southern France.

*Mus musculus brevirostris* Trouessart, Cat. Mamm. Viv. Foss., ed. 2, p. 380, 1904. Cabrera, Trab. Mus. Nac. de Cienc. Nat., Madrid, zool. ser., no. 57, p. 255, 30 Dec. 1932.

Range: Northern Morocco.

MUS MUSCULUS FAR Cabrera

*Mus musculus far* Cabrera, Real Soc. Española Hist. Nat., Madrid, 50th-anniv. vol., p. 46, 1921. Mogador, Morocco.

MUS MUSCULUS GENTILIS Brants. White-bellied House Mouse

*Mus gentilis* Brants, Het Geslacht der Muizen, p. 126, 1827. Egypt and Nubia.

*Mus musculus candidus* Laurent, Bull. Soc. Sci. Nat. Maroc, 17: 1, 31 Mar. 1937. Berguent, eastern Morocco.

MUS BACTRIANUS LYNESI Cabrera

*Mus spicilegus lynesi* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 23: 430, 31 Dec. 1923. Tazarot, Yebala, northeastern Morocco.

*Mus spicilegus* (type locality Hungary) is but a race of *Mus bactrianus* (type locality Kandahar, Afghanistan).

MUS BACTRIANUS MOGREBINUS Cabrera

*Mus spicilegus mogrebinus* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 11: 555, Dec. 1911. Tagüidert, Hahá Province, Morocco.

MUS BACTRIANUS RIFENSIS Cabrera

*Mus spicilegus rifensis* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 23: 431, 31 Dec. 1923. Melilla, eastern Rif, Morocco.

### MYLOMYS Thomas

*Mylomys* Thomas, Ann. Mag. Nat. Hist. (7) 18: 224, Sep. 1906. Genotype *Mylomys cunninghami* Thomas.

MYLOMYS ALBERTI Thomas

*Mylomys alberti* Thomas, Ann. Mag. Nat. Hist. (8) 16: 148, Aug. 1915. Poko, upper Uele River, Congo Belge.

MYLOMYS CHRISTYI Thomas

*Mylomys christyi* Thomas, Ann. Mag. Nat. Hist. (8) 20: 362, Nov. 1917. Mt Baginzi, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

## MYLOMYS CUNINGHAMEI CUNINGHAMEI Thomas

*Mylomys cunninghami* Thomas, Ann. Mag. Nat. Hist. (7) 18: 225, Sep. 1906.

East of Aberdare Mts., Kenya Colony, 4480 ft.

Probably the various described "species" are all geographic races of this.

## MYLOMYS CUNINGHAMEI LOWEI Hayman

*Mylomys cunninghami lowei* Hayman, Proc. Zool. Soc. London, for 1935, p. 934,  
10 Jan. 1936. Wenchi, Ashanti, Gold Coast.

## MYLOMYS CUNINGHAMEI MASSAICUS Lönnberg

*Mylomys cunninghami* (sic) *massaicus* Lönnberg, Arkiv f. Zool., 10: no. 12,  
p. 8, 19 May 1916. Donya Sabuk, Kenya Colony.

## MYLOMYS LUTESCENS Thomas

*Mylomys lutescens* Thomas, Ann. Mag. Nat. Hist. (8) 16: 149, Aug. 1915.  
Nalasanji, southwestern Uganda, 5000 ft.

## MYLOMYS ROOSEVELTI (Heller)

*Pelomys roosevelti* Heller, Smithsonian Misc. Coll., 54: no. 1924, p. 1, pl. 1, a,  
28 Feb. 1910. Nzoia River, Guas Ngishu Plateau, Kenya Colony.

*Mylomys roosevelti* Thomas, Ann. Mag. Nat. Hist. (8) 20: 363, Nov. 1917.

## MYOMYS Thomas

*Myomys* Thomas, Ann. Mag. Nat. Hist. (8) 16: 477, Dec. 1915. As a subgenus  
of *Epimys* (= *Rattus*), type *Epimys colonus* (A. Smith) = *Mus colonus*  
Brants.

## MYOMYS ALBIPES ALBIPES (Rüppell)

*Mus albipes* Rüppell, Mus. Senckenbergianum, 3: 107, pl. 6, f. 2, 1842. Mas-  
sawa, Abyssinia (= Ethiopia).

*Epimys rufidorsalis ankoberensis* Frick, Ann. Carnegie Mus., 9: 18, 6 June 1914.  
Ankober, Shoa, Abyssinia, 7500 ft.

Probably a synonym of *Myomys albipes* (see Osgood, Zool. Ser. Field Mus.  
Nat. Hist., 20: 250, 28 Dec. 1936).

*Epimys rufidorsalis alettensis* Frick, Ann. Carnegie Mus., 9: 17, 6 June 1914.  
Aletta, Sidamo, southern Abyssinia, 6000 ft.

Probably a synonym of *Myomys albipes* (see Osgood, Zool. Ser. Field Mus.  
Nat. Hist., 20: 250, 28 Dec. 1936).

## MYOMYS ALBIPES FUSCIROSTRIS (Wagner)

*Mus fuscirostris* Wagner, Arch. f. Naturgesch., 11: sect. 1, p. 149, 1845. Sen-  
naar, Anglo-Egyptian Sudan.

*Mus albipes fuscirostris* Trouessart, Cat. Mamm. Viv. Foss., pt. 3, p. 481, 1897.



## MYOMYS ANGOLENSIS (Bocage)

*Mus angolensis* Bocage, Journ. Sci. Math., Phys. e Nat., Lisboa, (2) 2: 12, Sep. 1890. Capangombe, interior of Mossamedes, Angola.

## MYOMYS AVUNCULUS AVUNCULUS (Thomas)

*Mus avunculus* Thomas, Ann. Mag. Nat. Hist. (7) 13: 417, June 1904. Pungo Andongo, Angola.

*Ethomys avunculus* Hill and Carter, Amer. Mus. Novitates, no. 913, p. 3, 8 Mar. 1937.

## MYOMYS AVUNCULUS PHIPPSI (Hill and Carter)

*Ethomys avunculus phippsi* Hill and Carter, Amer. Mus. Novitates, no. 913, p. 3, f. 2, 8 Mar. 1937. Humpata, Angola, 6300 ft.

## MYOMYS BROCKMANI (Thomas)

*Mus brockmani* Thomas, Ann. Mag. Nat. Hist. (7) 18: 298, Oct. 1908. Upper Sheikh, British Somaliland.

## MYOMYS COLONUS COLONUS (Brants)

*Mus colonus* Brants, Het Geslacht der Muizen, p. 124, 1827. Algoa Bay, South Africa, Cape of Good Hope.

## MYOMYS COLONUS SHORTRIDGEI St. Leger

*Myomys shortridgei* St. Leger, Proc. Zool. Soc. London, p. 411, 30 June 1933. Okavango-Omatoko junction, Grootfontein district, Southwest Africa.

## MYOMYS DALTONI DALTONI (Thomas)

*Mus daltoni* Thomas, Ann. Mag. Nat. Hist. (6) 10: 181, Aug. 1892. West Africa, probably the Island of Fernando Po.

## MYOMYS DALTONI SATURATUS Ingoldby

*Myomys daltoni saturatus* Ingoldby, Ann. Mag. Nat. Hist. (10) 3: 520, May 1929. Near Kintampo, northern Ashanti, Gold Coast.

## MYOMYS FUMATUS FUMATUS (Peters). Rock Rat

*Mus fumatus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 200, 1878. Ukamba, Kenya Colony.

*Rattus fumatus fumatus* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 82, 1919 (with notes on the type and synonymy).

*Mus niveiventris* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 12, 16 Feb. 1910. Voi, Kenya Colony.

*Epimys niveiventris ulæ* Heller, Smithsonian Misc. Coll., 56: no. 9, p. 3, pl. 2, 3 figs., 22 July 1910. Ulukenia Hills, Kenya Colony.

## MYOMYS FUMATUS SUBFUSCUS (Osgood)

*Mus niveiventris subfuscus* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 12, 16 Feb. 1910. Lake Elmenteita, Kenya Colony.

## MYOMYS FUMATUS TANA (True)

*Mus tana* True, Proc. U. S. Nat. Mus., 16: 602, 25 Oct. 1893. Tana River, between the coast and Hameye, Kenya Colony.

On the status of this rat see Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 86, 1919.

## MYOMYS GRANTI (Wroughton)

*Mus granti* Wroughton, Ann. Mag. Nat. Hist. (8) 1: 257, Mar. 1908. Deelfontein, Cape of Good Hope.

## MYOMYS PERNANUS (Kershaw)

*Rattus pernanus* Kershaw, Ann. Mag. Nat. Hist. (9) 8: 568, Nov. 1921. Amala (or Mara) River, rising in the Sotik, Kenya Colony, and entering Lake Victoria at 1° 30' S.

## MYOMYS VERROXII (A. Smith)

*Mus verroxii* A. Smith, South African Quart. Journ., 2: 156, 1834. Near Cape Town, Cape of Good Hope.

*Mus verreauxi* W. L. Sclater, Mamm. South Africa, 2: 45, 1901 (emendation).

## NESOKIA Gray. Bandicoots

*Nesokia* Gray, Ann. Mag. Nat. Hist. (1) 10: 264, Dec. 1842. Genotype *Mus hardwickii* Gray, = *Arvicola indica* Gray and Hardwicke. (See Thomas, Ann. Mag. Nat. Hist. (7) 20: 203, Sep. 1907.)

*Nesocia* Blanford, Mamm. British India, p. 421, 1891, emendation.

## NESOKIA SUILLA Thomas

*Nesokia suilla* Thomas, Ann. Mag. Nat. Hist. (7) 20: 203, Sep. 1907. Shaluf, Suez, Egypt.

*Nesokia bacheri* Anderson and De Winton, Zool. Egypt, Mamm., p. 286, pl. 50, 1902 (in part).

Range: Lower Egypt, west to Fayum and extreme west of the delta.

## NILOPEGAMYS Osgood

*Nilopegamys* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 12: 185, 21 Nov. 1928. Genotype *Nilopegamys plumbeus* Osgood.

## NILOPEGAMYS PLUMBEUS Osgood. Water Rat

*Nilopegamys plumbeus* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 12: 185, pl. 15, text-f. 1 (skull), 21 Nov. 1928. Tributary of Little Abbai, between Sakalla and Njabarra, Gojjam, Abyssinia, 8500 ft.

## OCHROMYS Thomas

*Ochromys* Thomas, Ann. Mag. Nat. Hist. (9) 5: 142, Jan. 1920. Genotype *Mus woosnami* Schwann.

## OCHROMYS WOOSNAMI (Schwann)

*Mus woosnami* Schwann, Proc. Zool. Soc. London, 1: 108, pl. 6, 7 June 1906. Molopo, Bechuanaland.

## OENOMYS Thomas. Rufous-nosed Rats

*Oenomys* Thomas, Ann. Mag. Nat. Hist. (7) 13: 416, June 1904. Genotype *Mus hypoxanthus* Pucheran.

*Aenomys* Kershaw, Revue Zool. Africaine, 11: 365, 27 Dec. 1923; misprint for *Oenomys*.

See Thomas and Wroughton, Trans. Zool. Soc. London, 19: 510, Mar. 1910, for key.

## OENOMYS HYPOXANTHUS HYPOXANTHUS (Pucheran)

*Mus hypoxanthus* Pucheran, Revue et Mag. de Zool. (2) 7: 206, Apl. 1855. Gaboon.

*Mus rufinus* Matschie, Deutsch-Ost-Afrika, 3: pt. 1, Säugeth., p. 52, 1895, not of Temminck, 1855. Ukondjo, Tanganyika.

## OENOMYS HYPOXANTHUS ANCHIETÆ (Bocage)

*Mus anchietæ* Bocage, Journ. Sci. Math., Phys. e Nat., Lisboa, (2) 2: 11, pl., f. 3, 3a, Sep. 1890 (the description of the male only). Ambacca, Angola.

## OENOMYS HYPOXANTHUS BACCHANTE (Thomas)

*Mus hypoxanthus bacchante* Thomas, Ann. Mag. Nat. Hist. (7) 12: 342, Sep. 1903. Nandi Station, edge of Nandi Escarpment, Kenya Colony (see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 64, 1919).

*Oenomys bacchante mærens* Thomas, Ann. Mag. Nat. Hist. (8) 7: 379, Apl. 1911. Solai, west slope of Mt. Kenya, Kenya Colony, 8000 ft. Probably an aberrant individual of *Oe. h. bacchante*.

*Oenomys oris* Thomas, Ann. Mag. Nat. Hist. (8) 7: 380, Apl. 1911. Mt. Kinangop, Aberdare Range, Kenya Colony, 11,000 ft. (Probably based on an unusually large individual.)

## OENOMYS HYPOXANTHUS EDITUS Thomas and Wroughton

*Oenomys bacchante editus* Thomas and Wroughton, Trans. Zool. Soc. London, 19: 509, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda. According to Hollister, may be indistinguishable from *Oe. h. unyori*.

## OENOMYS HYPOXANTHUS UNYORI (Thomas)

*Mus hypoxanthus unyori* Thomas, Ann. Mag. Nat. Hist. (7) 12: 342, Sep. 1903.

Fadjas on Victoria Nile, Unyoro.

*Mus unyoroï* Trouessart, Cat. Mamm. Viv. Foss., ed. 2, p. 375, 1904.

## OENOMYS HYPOXANTHUS VALLICOLA Heller

*Oenomys hypoxanthus vallicola* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 11, 24 June 1914. Lake Naivasha, Kenya Colony.

*Oenomys bacchante vallicola* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 66, 1919.

## OENOMYS ORNATUS Thomas

*Oenomys ornatus* Thomas, Ann. Mag. Nat. Hist. (8) 7: 378, Apl. 1911. Bibianaha, near Dunkwa, Gold Coast.

## PELOMYS Peters. Creek Rats

*Pelomys* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 275, May 1852 (as a subgenus of *Mus*); Reise nach Mossambique, Säugeth., p. 157, pl. 33, f.3; pl. 35, f.9, 1852 (as a genus). Type species *Mus (Pelomys) fallax* Peters.

## Subgenus PELOMYS Peters

## PELOMYS CAMPANÆ (Huet)

*Golunda campanæ* Huet, Le Naturaliste (2) 10: no. 31, p. 143, text-f. 1-3, 15 June 1888. Landana, west coast of Angola.

## PELOMYS DYBOWSKII (Pousargues)

*Golunda dybowskiï* Pousargues, Bull. Soc. Zool. de France, 18: 163, 1893. Kemo River, French Congo, 6° 17' N., 17° 15' E.

## PELOMYS FALLAX FALLAX (Peters)

*Mus (Pelomys) fallax* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 275, May 1852. Caya district, Zambesi River, and Boror, Licuare River, Mozambique.

## PELOMYS FALLAX AUSTRALIS Roberts

*Pelomys australis* Roberts, Ann. Transvaal Mus., 4: 90, 20 Oct. 1913. Mazambeti, Beira, Mozambique.

## PELOMYS FALLAX CONCOLOR Heller

*Pelomys fallax concolor* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 13, 5 July 1912. Kiduha, Lake Mutanda, Uganda.

## PELOMYS FALLAX INSIGNATUS Osgood

*Pelomys fallax insignatus* Osgood, Ann. Mag. Nat. Hist. (8) 5: 276, Mar. 1910. Fort Hill, northern Nyasaland.

## PELOMYS FALLAX IRIDESCENS Heller

*Pelomys fallax iridescens* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 12, 5 July 1912. Mt. Mbololo, Taita Mts., Kenya Colony.

## PELOMYS FALLAX RHODESIÆ Roberts

*Pelomys fallax rhodesiæ* Roberts, Ann. Transvaal Mus., 13: 118, 6 July 1929. Machile River, northwestern Rhodesia.

## PELOMYS FRATER Thomas

*Pelomys frater* Thomas, Ann. Mag. Nat. Hist. (7) 13: 415, June 1904. Braganza, Angola.

## PELOMYS LULUÆ Matschie

*Pelomys luluæ* Matschie, Zeitschr. f. Säugetierk., 1: 113, 24 Dec. 1926. Ditapa, near Luluabourg, Lulua River, Congo Belge.

## Subgenus KOMEMYS de Beaux

*Komemys* de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, 51: 207, 12 Apl. 1924. Genotype *Komemys isseli* de Beaux.

According to Hatt (Amer. Mus. Novitates, no. 790, p. 4, 10 Apl. 1935) this "cannot at best be considered more than a subgenus."

## PELOMYS ISSELI (de Beaux)

*Komemys isseli* de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, 51: 207, 12 Apl. 1924. Kome Island, Lake Victoria, Uganda.

## PELOMYS MINOR Cabrera and Ruxton

*Pelomys minor* Cabrera and Ruxton, Ann. Mag. Nat. Hist. (9) 17: 601, May 1926. St. Joseph de Luluabourg, Congo Belge.

*Pelomys (Komemys) minor* Hatt, Amer. Mus. Novitates, no. 790, p. 4, 10 Apl. 1935.

## PRAOMYS Thomas. Short-haired Rats

*Praomys* Thomas, Ann. Mag. Nat. Hist. (8) 15: 477, Dec. 1915. As a subgenus of *Epimys* (= *Rattus*), type *Epimys tullbergi* Thomas.

Redefined as a more circumscribed genus in Ann. Mag. Nat. Hist. (9) 17: 178, Jan. 1926, with list of included species.

## PRAOMYS JACKSONI JACKSONI (De Winton)

*Mus jacksoni* De Winton, Ann. Mag. Nat. Hist. (6) 20: 318, Sep. 1897. Entebbe, Uganda.

## PRAOMYS JACKSONI DELECTORUM (Thomas)

*Epimys delectorum* Thomas, Ann. Mag. Nat. Hist. (8) 6: 430, Oct. 1910. Mlanji Plateau, southern Nyasaland, 5500 ft.

## PRAOMYS JACKSONI MELANOTUS G. M. Allen and Loveridge

*Praomys tullbergi melanotus* G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 106, Feb. 1933. Nyamwanga, Poroto Mts., northwest end of Lake Nyasa, Tanganyika Territory.

## PRAOMYS JACKSONI MINOR Hatt

*Praomys jacksoni minor* Hatt, Amer. Mus. Novitates, no. 708, p. 11, 4 Apl. 1934. Lukolela, middle Congo, Congo Belge.

## PRAOMYS JACKSONI MONTIS (Thomas and Wroughton)

*Mus jacksoni montis* Thomas and Wroughton, Trans. Zool. Soc. London, 19: 503, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 6000 ft.

## PRAOMYS JACKSONI PEROMYSCUS (Heller)

*Mus peromyscus* Heller, Smithsonian Misc. Coll., 52: 472, pl. 56, fig. b, 13 Nov. 1909. Njoro O Nyiro, Sotik, Kenya Colony.

*Rattus tullbergi peromyscus* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 77, 1919.

## PRAOMYS JACKSONI VIATOR (Thomas)

*Epimys jacksoni viator* Thomas, Ann. Mag. Nat. Hist. (8) 7: 461, May 1911. Panyam, northern Nigeria, 4000 ft.

## PRAOMYS MORIO (Trouessart)

*Mus maura* Gray, Proc. Zool. Soc. London, p. 181, Sep. 1862 (not *Mus maurus* Waterhouse; not Tullberg). Cameroon Mountains, Cameroons, 7000 ft.

*Mus morio* Trouessart, Bull. Soc. d'Etudes Sci., Angers, 10: 121, 1881. Cameroon Mts., Cameroons.

New name for *Mus maurus* Gray, not Waterhouse.

## PRAOMYS TAITÆ (Heller)

*Epimys taitæ* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 9, 5 July 1912. Mt. Mbololo, Taita Hills, Kenya Colony, 5000 ft.

## PRAOMYS TULLBERGI TULLBERGI (Thomas)

*Mus burtoni* Thomas, Ann. Mag. Nat. Hist. (6) 10: 182, Aug. 1892. Ankober River, Wasa, Ashanti. Not *Mus burtoni* Ramsay, 1887, an Australian species.



*Mus tullbergi* Thomas, Ann. Mag. Nat. Hist. (6) 13: 205, Feb. 1894. New name for *Mus burtoni* Thomas, not Ramsay, 1887.

A species distinct from *P. jacksoni* (see Hatt, R. T., Amer. Mus. Novitates, no. 708, p. 13, 4 Apl. 1934).

**PRAOMYS TULLBERGI LUKOLELÆ** Hatt

*Praomys tullbergi lukolelæ* Hatt, Amer. Mus. Novitates, no. 708, p. 13, 4 Apl. 1934. Lukolela, middle Congo, Congo Belge.

**PRAOMYS TULLBERGI ROSTRATUS** (Miller)

*Mus tullbergi rostratus* Miller, Proc. Washington Acad. Sci., 2: 637, 28 Dec. 1900. Mount Coffee, Liberia.

### RATTUS Fischer. Typical Rats

*Ruttus* (misprint for *Rattus*) Fischer, National-mus. Naturg. Paris, 2: 128, 1803. Genotype *Mus norvegicus* Erxleben.

See Hollister, N., Proc. Biol. Soc. Washington, 29: 126, 6 June 1916, as to genotype.

### Subgenus EPIMYS Trouessart. Roof Rats

*Epimys* Trouessart, Cat. Mamm. Viv. et Foss., in Bull. Soc. d'Études Sci. d'Angers, 10: 117, 1881. Subgenus of *Mus*; type *Mus rattus* Linnæus.

**RATTUS AURATUS** (G. Grandidier)

*Mus auratus* G. Grandidier, Bull. Mus. National d'Hist. Nat. Paris, (1) 5: 277, 1899. Near Morondava, west coast of Madagascar.

Probably an introduced rat of the *Rattus rattus* group.

**RATTUS RATTUS RATTUS** (Linnæus). Black Rat

*Mus rattus* Linnæus, Syst. Nat., ed. 10, 1: 61, 1758. Sweden.

*Mus tectorum* var. *fuliginosus* Bonaparte, Iconogr. Fauna Ital., 1: fasc. 3, pl. 22, f. 1, 1833. Italy.

*Rattus domesticus* Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 56: pt. 1, p. 64, 1867. Germany. Lists also the varieties *fuscus*, *varius*, *fulvaster*, *albus* and *ater*, now regarded as synonyms.

*Mus rattus ater* Millais, Zoologist, (4) 9: 205, pl. 4, 15 June 1905. London, England.

Range: Introduced (?) in Morocco (see Laurent, P., Bull. Soc. Hist. Nat. de l'Afrique du Nord, 27: 165-172, May 1936); or may be a melanistic variant of the native *R. r. alexandrinus*.

*RATTUS RATTUS ALEXANDRINUS* (E. Geoffroy and Audouin). Alexandrine Rat  
*Mus alexandrinus* E. Geoffroy and Audouin, Description de l'Egypte, 2: 733,  
 Atlas, pl. 5, f. 1, 1829. Alexandria, Egypt.

*Mus alexandrinus* var. *Mus tettensis* Peters, Reise nach Mossambique, Säugeth.,  
 p. 156, 1852. Tette, Mozambique.

Doubtless a synonym of one of the introduced races of *Rattus rattus*.

*Mus samharensis* Heuglin, Reise in Nordost-Afrika, 2: 67, 1877. Mekulu,  
 inland from Massawa, Eritrea, a house rat. = *Rattus alexandrinus*?

*RATTUS RATTUS FRUGIVORUS* (Rafinesque). Cream-bellied House Rat

*Musculus frugivorus* Rafinesque, Précis des Découvertes et Travaux Somio-  
 logiques, p. 13, 1814. Sicily. Probably originally from northwestern India,  
 Indus Valley (see Schwarz, E., Nature, London, 133: 573, 14 Apl. 1934;  
 Proc. Zool. Soc. London, p. 723-726, 1934).

*Mus flavigaster* Heuglin, Nova Acta Akad. Cæs. Leop.-Carol., Halle, 20: no. 10,  
 p. 4, pl. 2, fig. 2, 1861. Error for *Mus flaviventris* as shown by reference.

*RATTUS RATTUS RUFESCENS* (Gray)

*Mus rufescens* Gray, Charlesworth's Mag. Nat. Hist., 1: 585, Nov. 1837. India.

Introduced on Zanzibar (see Schwarz, E., Nature, London, 133: 573, 14 Apl.  
 1934).

*RATTUS RATTUS KIJABIUS* (J. A. Allen)

*Mus kijabius* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 26: 169, 19 Mar. 1909.

Kijabe, Kenya Colony. This rat may have been introduced from India;  
 specimens are "to a certain extent intermediate in color between" *R. r.*  
*rattus* and *R. r. alexandrinus* (Hollister, N., Bull. U.S. Nat. Mus., no. 99,  
 pt. 2, p. 68, 1919).

*Mus (Epimys?) muansæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 340,  
 Oct. 1911. Mwanza, on Lake Victoria, Tanganyika Territory.

*Mus (Epimys) rattiformis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 98,  
 Apl. 1915. Amani, Usambara, Tanganyika Territory.

*Epimys juvensis* Lönnberg, Arkiv f. Zool., 10: no. 12, p. 10, 19 May 1916. Juja  
 Farm, Kenya Colony. See Hollister, Bull. U.S. Nat. Mus., no. 99, pt. 2,  
 p. 68, 1919.

*RATTUS RATTUS NERICOLA* Cabrera

*Rattus rattus nericola* Cabrera, Real Soc. Española Hist. Nat., Madrid, 50th-  
 anniv. vol., p. 54, 1921. Wad Saf-saf, lower Muluya, Morocco.

Range: Northern Morocco, Yebala and the Rif.

*RATTUS RATTUS SUEIRENSIS* Cabrera

*Rattus rattus chionogaster* Cabrera, Real Soc. Española Hist. Nat., Madrid, 50th-  
 anniv. vol., p. 51, 1921. Mogador, Morocco. Not *Epimys* (= *Rattus*)  
*chionogaster* Lönnberg and Mjöberg, 1916, an Australian species.

*Rattus rattus sueirensis* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 21: 159, 25 July 1921. Environs of Mogador, Morocco. New name for *Rattus rattus chionogaster* Cabrera, not Lönnberg and Mjöberg.

#### RATTUS RATTUS WROUGHTONI Hinton

*Rattus rattus wroughtoni* Hinton, Journ. Bombay Nat. Hist. Soc., 26: 384, 20 May 1919. Coonoor, Nilgiri Hills, India. Introduced into Zanzibar (see Schwarz, E., Nature, London, 133: 573, 14 Apl. 1934).

### Subgenus RATTUS Fischer. Brown Rats

RATTUS NORVEGICUS NORVEGICUS (Berkenhout). Norway Rat

*Mus norvegicus* Berkenhout, Outl. Nat. Hist. Great Britain, 1: 5, 1769. Norway.

*Mus norvegicus* Erxleben, Syst. Regn. Anim., 1: 381, 1777. Norway.

*Mus decumanus* Pallas, Novæ Spec. Quadrup. e Glir. Ord., p. 91, 1778. "Cum alis Indiarum noxis in Europeam . . . invecta."

*Mus surmulottus* Severinus, Tentamen Zool. Hungar., p. 73, 1779.

*Mus hibernicus* Thompson, Proc. Zool. Soc. London, p. 52, 20 Dec. 1837, Rathfriland, County Down, Ireland.

*Mus leucosternum* Rüppell, Mus. Senckenbergianum, 3: 108, pl. 7, f. 2, 1842. Massawa, Eritrea, in houses.

See Mertens, R., Senckenbergiana, 7: 25, 12 Feb. 1925.

*Mus decaryi* G. Grandidier, Bull. Mus. National d'Hist. Nat. Paris, (2) 6: 478, text-f. 1-3, Nov. 1934. Two or three kilometers from Tamatave, Madagascar. This is apparently an individual of *Rattus norvegicus* (Berkenhout).

Introduced in the Nile Valley to Khartoum (Flower, S.S., Proc. Zool. Soc. London, p. 410, 8 July 1932); also in Fernando Po (Cabrera, A., Mem. Real Soc. Española Hist. Nat., Madrid, 16: 87, 10 July 1929).

### RHABDOMYS Thomas. Four-striped Grass Mice

*Rhabdomys* Thomas, Ann. Mag. Nat. Hist. (8) 18: 69, July 1916. Genotype

*Mus pumilio* Sparrman.

Review: Wroughton, R. C., Notes on the various forms of *Arvicanthus pumilio* Sparrm. Ann. Mag. Nat. Hist. (7) 16: 629-639, Dec. 1905.

RHABDOMYS PUMILIO PUMILIO (Sparrman)

*Mus pumilio* Sparrman, Kungl. Svenska Vet.-Akad. Handl., Stockholm, p. 236, pl. 6, 1784. Sitzicamma forest, on Snake River, east of Cape of Good Hope.

*Mus donavani* (sic) Lesson, Manuel de Mammalogie, p. 268, 1827 (based on Donovan, Mag. du Naturaliste, pt. 26). Cape of Good Hope.

*M[us] pumilio* var. *major* Brants, Het Geslacht der Muizen, p. 105, 1827. Based on account in Desmarest's Mammalogie; inland from Cape of Good Hope.

*Mus lineatus* F. Cuvier, Hist. Nat. des Mammifères, pl. 161 and text, 1829.

*M[us] vittatus* Wagner, Arch. f. Naturg., 8: sect. 1, p. 11, 1842. Cape of Good Hope.

*Mus septemvittatus* Schinz, Syst. Verzeichn. d. Säugeth., 2: 155, 1845. Cape of Good Hope.

RHABDOMYS PUMILIO ANGOLÆ (Wroughton)

*Arvicanthis pumilio angolæ* Wroughton, Ann. Mag. Nat. Hist. (7) 16: 636, Dec. 1905. Caconda, Angola, 4700 ft.

RHABDOMYS PUMILIO BECHUANÆ (Thomas)

*Isomys p[umilio] bechuanæ* Thomas, Proc. Zool. Soc. London, for 1892, p. 551, Apl. 1893. Bechuanaland; but Shortridge (Mamm. South West Africa, 1: 280, 1934), considers it advisable to fix the type locality as Rooibank, near Walvis Bay, Southwest Africa.

*Rhodomys pumilio namibensis* Roberts, Ann. Transvaal Mus., 11: 255, 14 Sep. 1926. Swakopmund, Southwest Africa. Shortridge (Mamm. South West Africa, 1: 280, 1934) regards this as a synonym of *R. p. bechuanæ*.

RHABDOMYS PUMILIO CHAKÆ (Wroughton)

*Arvicanthis pumilio chakæ* Wroughton, Ann. Mag. Nat. Hist. (7) 16: 636, Dec. 1905. Sibudeni, Zululand, Natal.

RHABDOMYS PUMILIO CINEREUS (Thomas and Schwann)

*Arvicanthis pumilio cinereus* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 2, p. 5, 9 Feb. 1904; Proc. Zool. Soc. London, p. 179, 9 June 1904. Klipfontein, Namaqualand, Cape of Good Hope.

RHABDOMYS PUMILIO DILECTUS (De Winton)

*Arvicanthis pumilio dilectus* De Winton, Proc. Zool. Soc. London, for 1896, p. 803, Apl. 1897. Mazoe, Mashonaland, Southern Rhodesia.

RHABDOMYS PUMILIO DIMINUTUS (Thomas)

*Isomys pumilio diminutus* Thomas, Proc. Zool. Soc. London, for 1892, p. 551, Apl. 1893. Mianzini, east of Lake Naivasha, Kenya Colony.

RHABDOMYS PUMILIO GRIQUÆ (Wroughton)

*Arvicanthis pumilio griquæ* Wroughton, Ann. Mag. Nat. Hist. (7) 16: 632, Dec. 1905. Kuruman, Bechuanaland.

*Arvicanthis pumilio deserti* Dollman, Ann. Mag. Nat. Hist. (8) 6: 399, Oct. 1910. Lehutitung, Kalahari, Bechuanaland, 3000 ft.

RHABDOMYS PUMILIO INTERMEDIUS (Wroughton)

*Arvicanthis pumilio intermedius* Wroughton, Ann. Mag. Nat. Hist. (7) 16: 635, Dec. 1905. Deelfontein, Cape of Good Hope.

## RHABDOMYS PUMILIO MERIDIONALIS (Wroughton)

*Arvicanthis pumilio meridionalis* Wroughton, Ann. Mag. Nat. Hist. (7) 16: 632, Dec. 1905. Tokai Retreat, Cape Town, Cape of Good Hope.

## RHABDOMYS PUMILIO MOSHESH (Wroughton)

*Arvicanthis pumilio moshesh* Wroughton, Ann. Mag. Nat. Hist. (7) 16: 638, Dec. 1905. Maseru, Basutoland, Cape of Good Hope, 5000 ft.

## RHABDOMYS PUMILIO NYASÆ (Wroughton)

*Arvicanthis pumilio nyasæ* Wroughton, Ann. Mag. Nat. Hist. (7) 16: 639, Dec. 1905. Mlanje Plateau, Nyasaland, 6000 ft.

## STENOCEPHALEMYS Frick. Narrow-headed Rat

*Stenocephalemys* Frick, Ann. Carnegie Mus., 9: 7, 6 June 1914. Genotype  
*Stenocephalemys albocaudata* Frick.

## STENOCEPHALEMYS ALBOCAUDATA Frick

*Stenocephalemys albocaudata* Frick, Ann. Carnegie Mus., 9: 8, pl. 1, f. 1-5; pl. 2, f. 1-5, 6 June 1914. Inyala Camp, Chilalo Mts., southern Abyssinia.

## STOCHOMYS Thomas

*Stochomys* Thomas, Ann. Mag. Nat. Hist. (9) 17: 176, Jan. 1926. Genotype  
*Dasymys longicaudatus* Tullberg.

## STOCHOMYS LONGICAUDATUS LONGICAUDATUS (Tullberg). Bristly Rat

*Mus hypoleucus* Pucheran, Revue et Mag. de Zool. (2) 7: 206, Apl. 1855. Gaboon.

Not *Mus hypoleucus* Sundevall; according to Trouessart (Cat. Mamm. Viv. Foss., ed. 1, pt. 2, p. 485, 1897) this is the same as *Dasymys longicaudatus* Tullberg = a *Stochomys*.

*D[asymys] longicaudatus* Tullberg, Nova Acta Reg. Soc. Sci. Upsala, (3) 16: art. 12, p. 36, pl. 2, f. 39-46; pl. 3, f. 5, 48, 49; pl. 4, f. 10, 1893. Cameroons.

*Mus sebastianus* De Winton, Ann. Mag. Nat. Hist. (6) 19: 463, Apl. 1897. Efulen, Cameroons.

## STOCHOMYS LONGICAUDATUS ITURICUS (Thomas)

*Epimys longicaudatus ituricus* Thomas, Ann. Mag. Nat. Hist. (8) 16: 149, Aug. 1915. Upper Ituri River, Congo Belge.

## THALLOMYS Thomas. White-bellied Tree Rats

*Thallomys* Thomas, Ann. Mag. Nat. Hist. (9) 5: 141, Jan. 1920. Genotype *Mus nigricauda* Thomas.

See Thomas, O., and Hinton, M. A. C., Proc. Zool. Soc. London, p. 493, 3 Sep. 1923, for key to then-known forms.

THALLOMYS DAMARENSIS DAMARENSIS (De Winton). Damara Tree-rat  
*Mus damarensis* De Winton, Ann. Mag. Nat. Hist. (6) 19: 349, Mar. 1897.  
Damaraland (perhaps the Grootfontein-Okavango region, specimens from which most nearly match the type, according to Shortridge, Mamm. South West Afr., 1: 270, footnote, 1934).

THALLOMYS DAMARENSIS HERERO Thomas  
*Thallomys herero* Thomas, Proc. Zool. Soc. London, p. 303, 29 Apl. 1926.  
Ondongwa, Ovamboland, Southwest Africa.

THALLOMYS DAMARENSIS RHODESIÆ (Osgood)  
*Mus damarensis rhodesiæ* Osgood, Ann. Mag. Nat. Hist. (8) 5: 277, Mar. 1910. Petauke, East Loangwa district, Northern Rhodesia.

THALLOMYS DAMARENSIS SCOTTI Thomas and Hinton  
*T[hallomys] scotti* Thomas and Hinton, Proc. Zool. Soc. London, p. 493, 494, 3 Sep. 1923. Yata Plains, east of Thika River where it joins the Tana, Kenya Colony, 4000 ft.  
Range: Eastern Kenya Colony to Dodoma, Tanganyika Territory.

THALLOMYS DAMARENSIS STEVENSONI Roberts  
*Thallomys stevensoni* Roberts, Ann. Transvaal Mus., 15: 269, 1 Aug. 1933.  
Bembesi, 30 miles north of Bulawayo, Southern Rhodesia.

THALLOMYS MOGGI MOGGI (Roberts)  
*Mus moggi* Roberts, Ann. Transvaal Mus., 4: 85, 20 Oct. 1913. Zoutpan, Pretoria district, Transvaal.  
For Ernest Mogg.

THALLOMYS MOGGI ACACIÆ (Roberts)  
*Mus moggi acaciæ* Roberts, Ann. Transvaal Mus., 5: 120, 28 Aug. 1915.  
Woodbush, and Moorddrift, Transvaal.

THALLOMYS MOGGI LEBOMBOENSIS Roberts  
*Thallomys moggi lebomboensis* Roberts, Ann. Transvaal Mus., 14: 234, 28 July 1931. Mkuzi River, Ubombo, northern Zululand, Natal.



THALLOMYS NIGRICAUDA NIGRICAUDA (Thomas). Black-tailed Tree Rat  
*Mus nigricauda* Thomas, Proc. Zool. Soc. London, p. 266, pl. 14, f.1, June  
1882. Hountop (=Hudup or Hutop) River, Great Namaqualand, South-  
west Africa.

*T[hallomys] longicauda* Thomas, Proc. Zool. Soc. London, p. 493, 3 Sep. 1923.  
Lapsus calami for *T. nigricauda*.

THALLOMYS NIGRICAUDA BRADFIELDI Roberts

*Thallomys leuconoë bradfieldi* Roberts, Ann. Transvaal Mus., 15: 268, 1 Aug.  
1933. Quickborn Farm, Okahandja, Southwest Africa.

THALLOMYS NIGRICAUDA KALAHARICUS (Dollman)

*Epimys nigricauda kalaharicus* Dollman, Ann. Mag. Nat. Hist. (8) 8: 544,  
Oct. 1911. Molopo River, Kalahari, Bechuanaland. Regarded by Short-  
ridge (Mamm. South West Africa, 1: 266, footnote, 1934) as a synonym  
of *T. n. nigricauda*.

THALLOMYS NIGRICAUDA LEUCONOË Thomas

*Thallomys leuconoë* Thomas, Proc. Zool. Soc. London, p. 303, 29 Apl. 1926.  
Osohama, Etosha Pan, Ovamboland, Southwest Africa.

*Thallomys nigricauda leuconoë* Shortridge, Mamm. South West Africa, 1:  
266, 1934.

THALLOMYS NIGRICAUDA LORINGI (Heller)

*Thamnomys loringi* Heller, Smithsonian Misc. Coll., 52: pt. 4, p. 471, pl. 56,  
fig. a, 13 Nov. 1909. Lake Naivasha, Kenya Colony.

THALLOMYS NIGRICAUDA MOLOPENSIS Roberts

*Thallomys leuconoë molopensis* Roberts, Ann. Transvaal Mus., 15: 269, 1 Aug.  
1933. Midway between Setlagoli and Molopo River at Pitsani Location,  
Bechuanaland.

THALLOMYS NIGRICAUDA NITELA Thomas and Hinton

*T[hallomys] nitela* Thomas and Hinton, Proc. Zool. Soc. London, p. 493,  
3 Sep. 1923. Bomboné, Mossamedes, Angola, 3200 ft.

THALLOMYS NIGRICAUDA SHORTRIDGEI Thomas and Hinton

*Thallomys shortridgei* Thomas and Hinton, Proc. Zool. Soc. London, p. 492,  
3 Sep. 1923. Louisvale, near Upington, south bank of Orange River,  
Southwest Africa.

THAMNOMYS Thomas. Thicket Rats

*Thamnomys* Thomas, Ann. Mag. Nat. Hist. (7) 19: 121, Jan. 1907. Geno-  
type *Thamnomys venustus* Thomas.

## Subgenus THAMNOMYS Thomas

See Thomas, O., Ann. Mag. Nat. Hist. (8) 16: 150, Aug. 1915, for characters and list of species.

## THAMNOMYS KEMPI KEMPI Dollman

*Thamnomys kempi* Dollman, Ann. Mag. Nat. Hist. (8) 8: 658, Nov. 1911.  
Buhamba, near Lake Kivu, Congo Belge, 6000 ft.

## THAMNOMYS KEMPI MAJOR Hatt

*Thamnomys kempi major* Hatt, Amer. Mus. Novitates, no. 708, p. 10, 4 Apl. 1934. Lukumi, north slope of Mt. Karisimbi, Kivu volcanoes, Congo Belge, 12,000 ft.

## THAMNOMYS KURU Thomas and Wroughton

*Thamnomys kuru* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 381, May 1907. Angu, Uele River.

## THAMNOMYS RUTILANS RUTILANS (Peters)

*Mus rutilans* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 478, pl. 2, f. 2, 1876. Limbareni, West Africa.

## THAMNOMYS RUTILANS CENTRALIS Dollman

*Thamnomys rutilans centralis* Dollman, Revue Zool. Africaine, 4: 83, July 1914. Fundi, Congo Belge.

## THAMNOMYS VENUSTUS VENUSTUS Thomas

*Thamnomys venustus* Thomas, Ann. Mag. Nat. Hist. (7) 19: 122, Jan. 1907. Ruwenzori East, Uganda, 7000 ft.

## THAMNOMYS VENUSTUS SCHOUTEDENI Hatt

*Thamnomys venustus schoutedeni* Hatt, Amer. Mus. Novitates, no. 708, p. 9, 4 Apl. 1934. Medje, Ituri district, Congo Belge.

## Subgenus GRAMMOMYS Thomas (x-cusp reduced)

*Grammomys* Thomas, Ann. Mag. Nat. Hist. (8) 16: 150, Aug. 1915. Genotype *Mus dolichurus* Smuts. A synonym of *Thamnomys* according to Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 57, 1919).

## THAMNOMYS BALIOLUS Osgood

*Thamnomys baliolus* Osgood, Ann. Mag. Nat. Hist. (8) 5: 278, Mar. 1910. Woodbush Hills, northeast of Pietersburg, Transvaal.

## THAMNOMYS BUNTINGI Thomas

*Thamnomys buntingi* Thomas, Ann. Mag. Nat. Hist. (8) 7: 381, Apl. 1911.  
Gonyon, Bassa, Liberia.

## THAMNOMYS COMETES Thomas and Wroughton

*Thamnomys cometes* Thomas and Wroughton, Proc. Zool. Soc. London, p. 549,  
30 Oct. 1908. Inhambane, Mozambique.

## THAMNOMYS DOLICHURUS DOLICHURUS (Smuts)

*M[us] dolichurus* Smuts, Enumerat. Mamm. Capens., p. 38, pl. 2, 1832. Near  
Cape Town, South Africa.

## THAMNOMYS DOLICHURUS TONGENSIS (Roberts)

*Grammomys tongensis* Roberts, Ann. Transvaal Mus., 14: 234, 28 July 1931.  
Manaba, northern Zululand, Natal.

## THAMNOMYS DRYAS Thomas

*Thamnomys dryas* Thomas, Ann. Mag. Nat. Hist. (7) 19: 123, Jan. 1907. Ru-  
wenzori East, Kenya Colony, 6-7000 ft.

## THAMNOMYS GIGAS Dollman

*Thamnomys gigas* Dollman, Ann. Mag. Nat. Hist. (8) 7: 527, May 1911. Solai,  
Mt. Kenya, Kenya Colony, 9000 ft.

## THAMNOMYS IBEANUS IBEANUS Osgood

*Thamnomys ibeanus* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 2,  
p. 8, 16 Feb. 1910. Molo, Kenya Colony.

## THAMNOMYS IBEANUS LUTOSUS Dollman

*Thamnomys surdaster lutosus* Dollman, Ann. Mag. Nat. Hist. (8) 8: 657, Nov.  
1911. Mt. Nyiro, Kenya Colony.

## THAMNOMYS MACMILLANI MACMILLANI Wroughton

*Thamnomys macmillani* Wroughton, Ann. Mag. Nat. Hist. (7) 20: 504, Dec.  
1907. Wouida, north of Lake Rudolf, Ethiopia (Abyssinia).

## THAMNOMYS MACMILLANI ARIDULUS (Thomas and Hinton)

*Grammomys aridulus* Thomas and Hinton, Proc. Zool. Soc. London, p. 268,  
6 July 1923. Kulme, Wadi Aribo, Darfur, Anglo-Egyptian Sudan.

*Grammomys macmillani aridulus* Bræstrup, Vidensk. Medd. fra Dansk Naturh.  
Foren., Kjobenhavn, 99: 115, 11 Sep. 1935.

## THAMNOMYS MACMILLANI GAZELLÆ Thomas

*Thamnomys macmillani gazellæ* Thomas, Ann. Mag. Nat. Hist. (8) 5: 282,  
Mar. 1910. Chak Chak, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

## THAMNOMYS MACMILLANI OBLITUS Osgood

*Thamnomys oblitus* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 16, 7 Apl. 1910. Voi, Kenya Colony.

## THAMNOMYS MACMILLANI OCHRACEUS G. M. Allen

*Thamnomys ochraceus* G. M. Allen, Bull. Mus. Comp. Zool., 54: 442, Apl. 1912. Meru River, Northern Guaso Nyiro, Kenya Colony.

## THAMNOMYS MACMILLANI TUAREG (Bræstrup)

*Thamnomys macmillani tuareg* Bræstrup, Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 113, 11 Sep. 1935. Timbuctu, French Sudan.

## THAMNOMYS RUDDI Thomas and Wroughton

*Thamnomys ruddi* Thomas and Wroughton, Proc. Zool. Soc. London, p. 549, 30 Oct. 1908. Tette, Mozambique.

## THAMNOMYS SURDASTER SURDASTER Thomas and Wroughton

*Thamnomys surdaster* Thomas and Wroughton, Proc. Zool. Soc. London, p. 550, 30 Oct. 1908. Zomba, Nyasaland.

*Thamnomys usambaræ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 99, Apl. 1915. Amani, Usambara, Tanganyika Territory.

## THAMNOMYS SURDASTER ANGOLENSIS (Hill and Carter)

*Grammomys surdaster angolensis* Hill and Carter, Amer. Mus. Novitates, no. 913, p. 4, 8 Mar. 1937. Chitau, Angola, 4930 ft.

## THAMNOMYS SURDASTER CALLITHRIX Hatt

*Thamnomys (Grammomys) surdaster callithrix* Hatt, Amer. Mus. Novitates, no. 708, p. 11, 4 Apl. 1934. Garamba, upper Uele district, Congo Belge.

## THAMNOMYS SURDASTER DISCOLOR Thomas

*Thamnomys discolor* Thomas, Ann. Mag. Nat. Hist. (8) 5: 283, Mar. 1910. Kakamega Forest, Kisumu, Kenya Colony.

## THAMNOMYS SURDASTER ELGONIS Thomas

*Thamnomys surdaster elgonis* Thomas, Ann. Mag. Nat. Hist. (8) 5: 282, Mar. 1910. Malikisi, south slope of Mt. Elgon, Kenya Colony, 5000 ft.

## THAMNOMYS SURDASTER INSIGNIS Dollman

*Thamnomys surdaster insignis* Dollman, Ann. Mag. Nat. Hist. (8) 7: 528, May 1911. South face of Mt. Elgon, Kenya Colony, 9000 ft.

## THAMNOMYS SURDASTER LITTORALIS Heller

*Thamnomys dolichurus littoralis* Heller, Smithsonian Misc. Publ., 59: no. 16, p. 10, 5 July 1912. Mazeras, Kenya Colony.

## THAMNOMYS SURDASTER POLIONOPS Osgood

*Thamnomys surdaster polionops* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 2, p. 8, 16 Feb. 1910. Lukenya Mt., Ulukenia Hills, Kenya Colony.

## THAMNOMYS VUMBENSIS (Roberts)

*Grammomys vumbensis* Roberts, Ann. Transvaal Mus., 19: 245, 31 Oct. 1938. Vumba, Southern Rhodesia.

## URANOMYS Dollman

*Uranomys Dollman*, Ann. Mag. Nat. Hist. (8) 4: 551, Dec. 1909. Genotype  
*Uranomys ruddi* Dollman.

## URANOMYS ACOMYOIDES Ingoldby

*Uranomys acomyoides* Ingoldby, Ann. Mag. Nat. Hist. (10) 3: 523, May 1929. Kintampo, northern Ashanti, Gold Coast.

## URANOMYS FOXI Thomas

*Uranomys foxi* Thomas, Ann. Mag. Nat. Hist. (8) 9: 273, Feb. 1912. Panyam Plateau, northern Nigeria.

## URANOMYS OWENI Thomas

*Uranomys oweni* Thomas, Ann. Mag. Nat. Hist. (8) 6: 431, Oct. 1910. Marakissa, French Guinea.

## URANOMYS RUDDI Dollman

*Uranomys ruddi* Dollman, Ann. Mag. Nat. Hist. (8) 4: 552, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 ft.

Probably all the named forms will prove to be subspecies of this.

## URANOMYS TENEBROSUS Hinton

*Uranomys tenebrosus* Hinton, Ann. Mag. Nat. Hist. (9) 7: 370, Apl. 1921. N'sana, northwestern Nyasaland.

## URANOMYS UGANDÆ Heller.

*Uranomys ugandæ* Heller, Smithsonian Misc. Coll., 56: no. 17, p. 12, 28 Feb. 1911. Kikonda, Uganda.

## URANOMYS WOODI Hinton

*Uranomys woodi* Hinton, Ann. Mag. Nat. Hist. (9) 7: 369, Apl. 1921. Cholo, Nyasaland.

## ZELOTOMYS Osgood. Broad-headed Mice

*Zelotomys* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 2, p. 7, 16 Feb. 1910. Genotype *Mus hildegardæ* Thomas.

## ZELOTOMYS HILDEGARDEÆ HILDEGARDEÆ (Thomas)

*Mus hildegardæ* Thomas, Ann. Mag. Nat. Hist. (7) 9: 219, Mar. 1902. Machakos, Kenya Colony.

## ZELOTOMYS HILDEGARDEÆ VINACEUS Heller

*Zelotomys hildegardæ* (sic) *vinaceus* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 10, 5 July 1912. Ndi, Mt. Mbololo, Taita Hills, Kenya Colony, 3000 ft.

## ZELOTOMYS INSTANS Thomas

*Zelotomys instans* Thomas, Ann. Mag. Nat. Hist. (8) 16: 480, Dec. 1916 (mammary formula given). Poko, Uele, Congo Belge.

## ZELOTOMYS SHORTRIDGEI SHORTRIDGEI Hinton

*Zelotomys shortridgei* Hinton, Ann. Mag. Nat. Hist. (9) 6: 242, Aug. 1920. N'dola, Northern Rhodesia.

## ZELOTOMYS SHORTRIDGEI KUVELAIENSIS St. Leger

*Zelotomys shortridgei kuvelaiensis* St. Leger, Ann. Mag. Nat. Hist. (10) 17: 470, Apl. 1936. Kuvelai River, about 50 km. north of Mupa, Mossamedes (17° S., 16° 30' E.).

## Family JACULIDÆ. Jerboas

## Subfamily JACULINÆ

Note: *Alactaga arundinis* F. Cuvier (Trans. Zool. Soc. London, 2: 134, 4 May 1838) North Africa, is probably an error, for the genus is not known from Africa. Based on Shaw's Voyage en Barbarie, French transl., 1: 321, in which there is an evident error in describing the hind toes as four long and two short.

## JACULUS Erxleben. Jerboa

*Jaculus* Erxleben, Syst. Regni Animalis, p. 404, 1777. Genotype *Jaculus orientalis* Erxleben.

## JACULUS HIRTIPES (Lichtenstein)

*Dipus hirtipes* Lichtenstein, Verzeichn. d. Doubletten Zool. Mus. Berlin, p. 5, 1823. "E deserto prope Sakharum."



JACULUS JACULUS JACULUS (Linnæus). Jerboa.

*Mus jaculus* Linnæus, Syst. Nat., ed. 10, 1: 62, 1758. Giza Pyramids, Egypt; "in Arabia, Calmukia."

*Dipus ægyptius* Lichtenstein, Darstellungen Neue Säugeth., pl. 22 and text, 1827. Egypt.

JACULUS JACULUS AIRENSIS Thomas and Hinton

*Jaculus jaculus airensis* Thomas and Hinton, Novitates Zool., 28: 10, 14 May 1921. Aderbissinat, northern Nigeria.

JACULUS JACULUS BUTLERI Thomas

*Jaculus jaculus butleri* Thomas, Ann. Mag. Nat. Hist. (9) 9: 296, Apl. 1922. Khartoum, Anglo-Egyptian Sudan.

Range: Khartoum to Sennaar.

JACULUS JACULUS CENTRALIS Thomas and Hinton

*J[aculus] j[aculus] centralis* Thomas and Hinton, Novitates Zool., 28: 11, 14 May 1921. Oued-el-Abiad, north of In-salah, central Sahara of Algeria.

JACULUS JACULUS DESERTII (Loche)

*Dipus desertii* Loche, Cat. Mamm. de l'Algérie, p. 21, 1858; Exploration Sci. de l'Algérie, Zool., Mammifères, p. 100, 1867. Oasis of Ouargla, southern Algeria.

*Dipus darricarrerei* Lataste, Anal. Mus. Civ. Stor. Nat. Genova, 18: 661, 11 June 1883. Bou Saada, Algerian Sahara. A synonym of *J. j. desertii* (see Thomas and Hinton, Novitates Zool., 28: 10, 14 May 1921).

Range: Algeria between the high plateaux and the Sahara, and in Tunisia.

JACULUS JACULUS FAVONICUS Thomas

*Jaculus jaculus favonicus* Thomas, Ann. Mag. Nat. Hist. (8) 11: 483, May 1913. Trarza country, southwestern Mauritania.

JACULUS JACULUS GORDONI Thomas

*Jaculus gordonii* Thomas, Proc. Zool. Soc. London, 1: 299, 6 Aug. 1903. Kaga Hills, western Kordofan, Anglo-Egyptian Sudan.

Range: Kordofan, Egyptian Sudan.

JACULUS JACULUS SEFRIUS Thomas and Hinton

*Jaculus jaculus sefrius* Thomas and Hinton, Novitates Zool., 28: 10, 14 May 1921. Ain-Sefra, southwestern Algeria.

Range: Desert region of Morocco, to the southwest of the Great Atlas, and the adjacent parts of the sandy Sahara.

**JACULUS JACULUS VULTURNUS** Thomas

*Jaculus jaculus vulturnus* Thomas, Ann. Mag. Nat. Hist. (8) 11: 485, May 1913.  
Berbera, British Somaliland.

**JACULUS MICROTIS** (Reichenow)

*Dipus microtis* Reichenow, Zool. Anzeiger, 10: 369, 11 July 1887. Samar, northeast Africa. Based on a young specimen, see Thomas, O., Proc. Zool. Soc. London, 1: 299, 6 Aug. 1903.

**JACULUS ORIENTALIS** Erxleben

*Jaculus orientalis* Erxleben, Syst. Regni Animalis, p. 404, 1777. Egypt, in the mountains separating Egypt from Arabia.

*Dipus abyssinicus* F. A. A. Meyer, Syst.-summarisch. Uebersicht d. Entdeckungen in Neu-Holland u. Africa, p. 82, 1793. Sandy deserts of Africa (Abyssinia implied); based on Bruce's Travels to discover Source of Nile, 5: pl. 27, 1791, German ed.

Range: Coastal districts of western Lower Egypt, Tripoli, Tunisia and Algeria (S.S. Flower).

**SCARTURUS** Gloger. Four-toed Jerboa

*Scarturus* Gloger, Hand- u. Hilfsbuch d. Naturgesch., 1: pp. xxxi, 106, 1841. Genotype *Dipus tetradactylus* Lichtenstein (see Thomas, Ann. Mag. Nat. Hist. (6) 15: 191, Feb. 1895).

*Scirtomys* Brandt, Bull. Acad. Imp. des Sci., St. Pétersbourg, Cl. phys.-math., 2: 220, 20 Jan. 1844. As a subgenus of *Alactaga*, type *Alactaga (Dipus) tetradactylus* (Lichtenstein).

**SCARTURUS TETRADACTYLUS** (Lichtenstein)

*Dipus tetradactylus* Lichtenstein, Verzeichn. d. Doubletten in Zool. Mus. Berlin, p. 2, 1823. Libyan Desert between Siwa and Alexandria, Egypt.

*Dipus brucii* Lesson, Manuel de Mammalogie, p. 253, 1827. Based on the gerboa described by Bruce from Barca.

Range: Known from the type locality, and districts of Mariut and Mersa Matruh, Egypt.

**SCIRTOPODA** Brandt

*Scirtopoda* Brandt, Bull. Acad. Imp. des Sci., St. Pétersbourg, Cl. phys.-math., 2: 212, 20 Jan. 1844. As a subgenus of *Dipus*, type *Dipus mauritanicus* Duvernoy.

*Haltomys* Brandt, Bull. Acad. Imp. des Sci., St. Pétersbourg, 2: 215, 20 Jan. 1844. As a section of *Scirtopoda*, type not specified, but by elimination is *Dipus mauritanicus* Duvernoy.

*Halticus* Brandt, Bull. Acad. Imp. des Sci., St. Pétersbourg, 2: 213, 20 Jan. 1844. As a section of *Scirtopoda*, type *Dipus halticus* Illiger; preoccupied by *Halticus* Hahn, 1831, in Hemiptera.

SCIRTOPODA GERBOA GERBOA (Olivier)

*Dipus gerboa* Olivier, Bull. des Sci., Soc. Philomathique, Paris, (1) 2: no. 39, p. 121, 1801. Egypt.

*Dipus locusta* Illiger, Abhandl. K. Preuss. Akad. Wiss., Berlin, 1804-11, p. 77, 1815, (nomen nudum).

*Dipus bipes* Lichtenstein, Verzeichn. d. Doubletten Zool. Mus., Berlin, p. 5, 1823. "In Aegypto."

Range: Egypt, west toward Morocco.

SCIRTOPODA GERBOA MAURITANICA (Duvernoy)

*Dipus mauritanicus* Duvernoy, Mém. Soc. du Mus. d'Hist. Nat. Strasbourg, 3: pt. 2, art. QQ, p. 30, pl. 3, 4, 1840. Mauritania.

*Scirtopoda mauritanicus* Pocock, Proc. Zool. Soc. London, p. 680, 28 Sep. 1922.

*Scirtopoda gerboa mauritanica* Cabrera, Trab. Mus. Nac. de Ciencias Nat., Madrid, zool. ser., no. 57, p. 277, text-f. 33 (skull), 30 Dec. 1932.

Range: Algeria and in Morocco the Rif, to the high plateaux.

## Family BATHYERGIDÆ. Mole-rats

On the tooth formulæ and homologies of the genera see Thomas, O., Ann. Mag. Nat. Hist. (8) 4: 110-112, Aug. 1909.

### BATHYERGUS Illiger

*Bathyergus* Illiger, Prodromus Syst. Mamm. et Avium, p. 86, 1811. Genotype *Mus maritimus* Gmelin = *Mus suillus* Schreber.

*Orycterus* F. Cuvier, Dictionnaire des Sci. Nat., 59: 481, 1829. Genotype *Mus maritimus* Gmelin.

### BATHYERGUS SUILLUS SUILLUS (Schreber). Sand-mole

*Mus suillus* Schreber, Säugthiere, 4: 715, pl. 204B, 1782. Cape of Good Hope. (On dates of publication, see Sherborn, C. D., Proc. Zool. Soc. London, for 1891, 587-592, Apl. 1892.)

*Mus maritimus* Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 140, 1788. Cape of Good Hope.

*Arctomis* (sic) *africana* Lamarck, in Voyages de C. P. Thunberg au Japon, etc., 4: 348, 1796. Africa, Cape of Good Hope implied.

**BATHYERGUS SUILLUS INTERMEDIUS** Roberts

*Bathyergus suillus intermedius* Roberts, Ann. Transvaal Mus., 11: 261, 14 Sep. 1926. Klaver, Cape of Good Hope.

**BATHYERGUS SUILLUS JANETTA** Thomas and Schwann

*Bathyergus janetta* Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 2, p. 6, 9 Feb. 1904; Proc. Zool. Soc. London, 1: 180, pl. 6, f. 2, 9 June 1904. Port Nolloth, Namaqualand, Southwest Africa.

*Bathyergus suillus janetta* Shortridge, Mamm. South West Africa, 1: 318, 1934.

**CRYPTOMYS** Gray. Mole-rats

*Cryptomys* Gray, Proc. Zool. Soc. London, p. 124, text-f. 3, 6, July 1864. As a subgenus of *Georychus*, type *Georychus holosericeus* Wagner.

*Typhloryctes* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 55: sect. 1, p. 502, 1867. Genotype not specified; included *Georychus ochraceo-cinereus* Heuglin and *Bathyergus caecutiens* Brants.

*Catomys* Gray, Proc. Zool. Soc. London, p. 125, text-f. 4, 5, July 1864. A subgenus of *Georychus*, type not specified, but included *Bathyergus caecutiens* Brants and *B. damarensis* Ogilby.

**CRYPTOMYS ABERRANS** (Roberts)

*Georychus aberrans* Roberts, Ann. Transvaal Mus., 4: 97, 20 Oct. 1913. Port St. Johns, Cape of Good Hope.

**CRYPTOMYS ALBUS** (Roberts)

*Georychus albus* Roberts, Ann. Transvaal Mus., 4: 100, 20 Oct. 1913. ?Wynberg, Cape of Good Hope.

**CRYPTOMYS AMATUS** (Wroughton)

*Georychus amatus* Wroughton, Mem. and Proc. Manchester Lit. and Phil. Soc., 51: no. 5, p. 28, 13 Mar. 1907. Road to Chiwali's, Alala plateau, Rhodesia, 4000 ft.

**CRYPTOMYS ANOMALUS** (Roberts)

*Georychus anomalus* Roberts, Ann. Transvaal Mus., 4: 96, text-f. 10 (skull), 20 Oct. 1913. Skinners Court Valley, Pretoria, Transvaal.

**CRYPTOMYS ANSORGEI** (Thomas and Wroughton)

*Georychus ansorgei* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 16: 175, Aug. 1905. Kukema River, Bihé, Angola, 5900 ft.

**CRYPTOMYS ARENARIUS** (Roberts)

*Georychus arenarius* Roberts, Ann. Transvaal Mus., 4: 96, text-f. 9 (skull), 20 Oct. 1913. Rietondale (East), Pretoria, Transvaal.

## CRYPTOMYS BEIRÆ (Thomas)

*Georychus beiræ* Thomas, Proc. Zool. Soc. London, for 1907, p. 780, 4 June 1908.  
Beira, Mozambique.

## CRYPTOMYS BIGALKEI Roberts

*Cryptomys bigalkei* Roberts, Ann. Transvaal Mus., 10: 73, 31 Jan. 1924. Glen,  
Orange Free State.

## CRYPTOMYS BLAINEI Hinton

*Cryptomys blainei* Hinton, Ann. Mag. Nat. Hist. (9) 7: 372, Apl. 1921. Chisongwe, Luando River, central Angola.

## CRYPTOMYS BOCAGEI (De Winton)

*Georychus bocagei* De Winton, Ann. Mag. Nat. Hist. (6) 20: 323, Sep. 1897.  
Hanha, Angola.

## CRYPTOMYS CRADOCKENSIS Roberts

*Cryptomys cradockensis* Roberts, Ann. Transvaal Mus., 10: 73, 31 Jan. 1924.  
Cradock, Cape of Good Hope.

## CRYPTOMYS DAMARENSIS DAMARENSIS (Ogilby)

*Bathyergus damarensis* Ogilby, Proc. Zool. Soc. London, p. 5, July 1838.  
"Country of the Damaras," i.e. Damaraland, Cape of Good Hope.

## CRYPTOMYS DAMARENSIS LUGARDI (De Winton)

*Georychus lugardi* De Winton, Ann. Mag. Nat. Hist. (7) 1: 253, Mar. 1898.  
Kalahari Desert, between Palapye and Lake Ngami, northern Bechuanaland.

*Cryptomys damarensis lugardi* Shortridge, Mamm. South West Africa, 1: 320,  
1934.

## CRYPTOMYS DAMARENSIS MICKLEMI (Chubb)

*Georychus micklemi* Chubb, Ann. Mag. Nat. Hist. (8) 3: 35, Jan. 1909. Kataba  
River, upper Zambesi, northwestern Rhodesia.

*Cryptomys damarensis micklemi* Shortridge, Mamm. South West Africa, 1: 320,  
1934. Possibly a synonym of *C. d. lugardi* (De Winton).

## CRYPTOMYS DARLINGI (Thomas)

*Georychus darlingi* Thomas, Ann. Mag. Nat. Hist. (6) 16: 239, Sep. 1895.  
Salisbury, Cape of Good Hope.

## CRYPTOMYS FOXI (Thomas)

*Georychus foxi* Thomas, Ann. Mag. Nat. Hist. (8) 7: 462, May 1911. Panyam,  
northern Nigeria, 4000 ft.

## CRYPTOMYS HOLOSERICEUS (Wagner)

*G[eorychus] holosericeus* Wagner, Schreber's Säugth., Suppl., 3: 373, 1843.

Graaf Reinet, Cape of Good Hope (selected as type locality and species regarded as valid by Thomas, O., and Schwann, H., Proc. Zool. Soc. London, 1: 166, 7 June 1906).

## CRYPTOMYS HOTTENTOTUS HOTTENTOTUS (Lesson)

*Bathyergus hottentotus* Lesson, Voyage autour du Monde sur la Coquille, Zool., 1: 166, pl. 2, f. 2, 1826. Pearl Village twenty miles from Cape Town, Cape of Good Hope.

*Bathyergus caecutiens* Brants, Het Geslacht der Muizen, p. 37, 1827. Cape of Good Hope. (Brants credits the name to Lichtenstein.)

*Bathyergus ludwigii* A. Smith, Zool. Journ., 4: 439, May 1829. "Various parts of South Africa."

*Georychus exenticus* Trouessart, Cat. Mamm. Viv. Foss., app., ed. 1, p. 1338, 1899. Mistake for *caecutiens* Brants.

## CRYPTOMYS HOTTENTOTUS OCCLUSUS G. M. Allen and Loveridge

*Cryptomys hottentotus occlusus* G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 125, Feb. 1933. Kigogo, Uzungwe Mts., southwestern Tanganyika Territory.

## CRYPTOMYS HOTTENTOTUS TALPOIDES (Thomas and Schwann)

*Georychus hottentottus* (sic) *talpoides* Thomas and Schwann, Proc. Zool. Soc. London, p. 166, 7 June 1906. Knysna, Cape of Good Hope.

## CRYPTOMYS JAMESONI (Roberts)

*Georychus jamesoni* Roberts, Ann. Transvaal Mus., 4: 95, 20 Oct. 1913. Houghton Estate, Johannesburg, Transvaal.

## CRYPTOMYS JORISSENI (Jameson)

*Georychus jorisseni* Jameson, Ann. Mag. Nat. Hist. (8) 4: 466, Nov. 1909. Waynek, Waterberg district, Transvaal.

## CRYPTOMYS JUNODI Roberts

*Cryptomys junodi* Roberts, Ann. Transvaal Mus., 11: 260, 14 Sep. 1926. Masiene, Mozambique.

## CRYPTOMYS KOMATIENSIS (Roberts)

*Georychus komatiensis* Roberts, Ann. Transvaal Mus., 5: 272, 16 May 1917. Arnheburg, Carolina, Transvaal.

## CRYPTOMYS KUBANGENSIS (Monard)

*Georychus* (sic) *kubangensis* Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 58, text-f. 1-4, 1932. Angola, specimens from Rio Mbalé, Vila da Ponte, Chimpopo, and Tumbolé.



## CRYPTOMYS KUMMI (Thomas)

*Georychus kummi* Thomas, Ann. Mag. Nat. Hist. (8) 7: 592, June 1911. French Shari Protectorate, Ironstone plateau, about 8° N., 22° E.

## CRYPTOMYS LECHEI (Thomas)

*Georychus lechei* Thomas, Ann. Mag. Nat. Hist. (6) 16: 241, Sep. 1895. Bellima, Monbuttu, Congo Belge.

## CRYPTOMYS MAHALI (Roberts)

*Georychus mahali* Roberts, Ann. Transvaal Mus., 4: 108, 20 Oct. 1913. Rosslyn, Rustenburg district, Transvaal.

## CRYPTOMYS MECHOWII (Peters)

*Georychus mechowii* Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 133, 1881. Malange, Benguela, Angola.

## CRYPTOMYS MELANOTICUS Roberts

*Cryptomys melanoticus* Roberts, Ann. Transvaal Mus., 11: 260, 14 Sep. 1926. Balloon, Makoetsi River, northeastern Transvaal.

## CRYPTOMYS MELLANDI (Thomas)

*Georychus mellandi* Thomas, Ann. Mag. Nat. Hist. (7) 17: 178, Feb. 1906. Mpika, northeastern Rhodesia, 5000 ft.

## CRYPTOMYS MOLYNEUXI (Chubb)

*Georychus molyneuxi* Chubb, Ann. Mag. Nat. Hist. (8) 2: 451, Nov. 1908. Loano valley, northwestern Rhodesia.

## CRYPTOMYS MONTANUS Roberts

*Cryptomys montanus* Roberts, Ann. Transvaal Mus., 11: 260, 14 Sep. 1926. Klapperkop, Pretoria, Transvaal.

## CRYPTOMYS NATALENSIS NATALENSIS (Roberts)

*Georychus natalensis* Roberts, Ann. Transvaal Mus., 4: 94, text-f. 8 (skull), 20 Oct. 1913. Wakkerstroom, Transvaal.

## CRYPTOMYS NATALENSIS NEMO new name

*Georychus natalensis pallidus* Roberts, Ann. Transvaal Mus., 5: 278, 16 May 1917. Manetsi River, near Malala, Zoutpansberg district, Transvaal.  
Not *Georychus pallidus* Gray, 1864, a *Heliophobius*.

## CRYPTOMYS NIMRODI (De Winton)

*Georychus nimrodi* De Winton, Proc. Zool. Soc. London, for 1896, p. 808, pl. 40, f. 1, Apl. 1897. Essex Farm, near Bulawayo, Southern Rhodesia.

## CRYPTOMYS OCHRACEO-CINEREUS (Heuglin)

*Georychus ochraceo-cinereus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 31: art. 7, p. 3, 1864. Upper Bahr-el-Ghazal, 7-8° N., 24-26° E.

## CRYPTOMYS ORANGIÆ Roberts

*Cryptomys orangiæ* Roberts, Ann. Transvaal Mus., 11: 259, 14 Sep. 1926. Glen, Orange Free State.

## CRYPTOMYS PALKI (Roberts)

*Georychus palki* Roberts, Ann. Transvaal Mus., 6: 5, 28 June 1917. Venter-skroon, Vaal River, Potchefstroom district, Transvaal.

## CRYPTOMYS PRETORIÆ (Roberts)

*Georychus pretoriæ* Roberts, Ann. Transvaal Mus., 4: 99, 20 Oct. 1913. Skinners Court Valley, Pretoria, Transvaal.

## CRYPTOMYS RUFULUS (Roberts)

*Georychus rufulus* Roberts, Ann. Transvaal Mus., 5: 272, 16 May 1917. Tzaneen, Transvaal.

## CRYPTOMYS STELLATUS (Roberts)

*Georychus stellatus* Roberts, Ann. Transvaal Mus., 5: 272, 16 May 1917. Komatipoort, Gazaland, Transvaal.

## CRYPTOMYS TRANSVAALENSIS Roberts

*Cryptomys transvaalensis* Roberts, Ann. Transvaal Mus., 10: 73, 31 Jan. 1924. Bøkenhoutfontein farm, Pretoria district, Transvaal.

## CRYPTOMYS VAN DAMI (Roberts)

*Georychus van dami* Roberts, Ann. Transvaal Mus., 5: 273, 16 May 1917. Griffin Mine, Leydsdorp, Transvaal.

## CRYPTOMYS VETENSIS Roberts

*Cryptomys vetensis* Roberts, Ann. Transvaal Mus., 11: 259, 14 Sep. 1926. Taai-boschspruit, Vet River, Orange Free State.

## CRYPTOMYS VRYBURGENSIS (Roberts)

*Georychus vryburgensis* Roberts, Ann. Transvaal Mus., 5: 274, 16 May 1917. Vryburg, southern Bechuanaland.

## CRYPTOMYS WHYTEI (Thomas)

*Georychus whytei* Thomas, Proc. Zool. Soc. London, p. 432, 1 Oct. 1897. Karonga, Lake Nyasa, Nyasaland.

## CRYPTOMYS ZECHI (Matschie)

*Georychus* (sic) *zechi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 146, 1900. Middle Volta, near Kete-Kradji station, Togo, West Africa.

## GEORYCHUS Illiger. Blesmols

*Georychus* Illiger, Prodrum Systematis Mamm. et Avium, p. 87, 1811. Genotype *Mus capensis* Pallas (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 7: 183, June 1895).

*Georychus* Wagner, Schreber's Säugthiere, Suppl., 3: 369, 1843, emendation.

*Fossor* Lichtenstein, in Forster's Descr. Animalium in Iter. ad Maris Austr. Terras Suscepto, (edited by Lichtenstein), p. 364, 1844. Genotype *Fossor leucops* Lichtenstein = *Georychus capensis* (Pallas).

## GEORYCHUS CAPENSIS CAPENSIS (Pallas)

*Mus capensis* Pallas, Nov. Spec. Quadrup. e Glir. Ord., pp. 76, 172, pl. 7, 1778. Cape of Good Hope.

[*Mus*] *buffonii* F. Cuvier, Ann. des Sci. Nat., zool., (2) 1: 196, 1834. Cape of Good Hope.

*Fossor leucops* Lichtenstein, in J. R. Forster's Descrip. Animalium in Iter. ad Maris Austr. Terras Suscepto, (ed. by Lichtenstein), p. 364, 1844. Cape of Good Hope.

## GEORYCHUS CAPENSIS CANESCENS Thomas and Schwann

*Georychus capensis canescens* Thomas and Schwann, Proc. Zool. Soc. London, 1: 165, 7 June 1906. Knysna, Cape of Good Hope.

## GEORYCHUS CAPENSIS YATESI Roberts

*Georychus yatesi* Roberts, Ann. Transvaal Mus., 4: 92, 20 Oct. 1913. Belfast, Transvaal.

## HELIOPHOBIUS Peters

*Heliophobius* Peters, Ber. über Verhandl. K. Preuss. Akad. Wiss., Berlin, p. 259, Aug. 1846. Genotype *Heliophobius argenteocinereus* Peters.

*Myoscalops* Thomas, Proc. Zool. Soc. London, p. 448, Oct. 1890. Proposed to replace *Heliophobius* on the ground that it is preoccupied by *Heliophobus* Boisduval, in Lepidoptera, 1829.

## HELIOPHOBIUS ALBIFRONS (Gray)

*Georychus albifrons* Gray, Proc. Zool. Soc. London, p. 123, July 1864. "E. Africa (Capt. Speke)" hence probably coast of Tanganyika Territory.

**HELIOPHOBIUS ANGONICUS** Thomas

*Heliophobius angonicus* Thomas, Ann. Mag. Nat. Hist. (8) 20: 314, Oct. 1917.  
Bua River, central Angoniland, Rhodesia.

**HELIOPHOBIUS ARGENTEOCINEREUS** Peters

*Heliophobius argenteocinereus* Peters, Ber. über Verhandl. K. Preuss. Akad. Wiss., Berlin, p. 259, Aug. 1846; Reise nach Mossambique, Säugethiere, p. 140, pl. 31, f. 2; pl. 35, f. 2, 1852. Tette, Mozambique.

For skull characters distinguishing this from *H. albifrons* Gray, see Thomas, O., Ann. Mag. Nat. Hist. (6) 16: 241, Sep. 1895.

*Georychus pallidus* Gray, Proc. Zool. Soc. London, p. 124, text-f. 2, 7, July 1864.  
"E. Africa (Capt. Speke)."

**HELIOPHOBIUS MARUNGENSIS** Noack

*Heliophobius marungensis* var. of *argenteocinereus* Noack, Zool. Jahrb., Syst., 2: 223, pl. 9, f. 23-27, 7 May 1887. Marungu, Tanganyika Territory.

A distinct species according to Thomas (Ann. Mag. Nat. Hist. (8) 20: 315, Oct. 1917).

**HELIOPHOBIUS EMINI** Noack

*Heliophobius emini* Noack, Zool. Jahrb., Syst., 7: 559, pl. 18, f. 5-9, 23 Dec. 1893.  
Simba Muëne, Tanganyika Territory.

**HELIOPHOBIUS KAPITI** (Heller)

*Georychus kapiti* Heller, Smithsonian Misc. Coll., 52: 469, pl. 55 (skull), 24 Sep. 1909. Potha, Kapiti Plains, Kenya Colony.

*Heliophobius kapiti* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 161, pl. 38, lower three figs. (type skull), 1919.

**HELIOPHOBIUS MOTTOULEI** (Schouteden)

*Myascalops mottoulei* Schouteden, Revue Zool. Africaine, 2: 303, text-f. 1-4 (skull), 30 May 1913. Kilongwe, near Lake Kisale, Congo Belge.

**HELIOPHOBIUS ROBUSTUS** Thomas

*Heliophobius robustus* Thomas, Ann. Mag. Nat. Hist. (7) 17: 179, Feb. 1906.  
Mpika, northeastern Rhodesia, 5000 ft.

**HELIOPHOBIUS SPALAX** Thomas

*Heliophobius spalax* Thomas, Ann. Mag. Nat. Hist. (8) 6: 315, Sep. 1910.  
Taveta, foot of Mt. Kilimanjaro, Tanganyika Territory.

## HETEROCEPHALUS Rüppell. Naked Mole-rats

*Heterocephalus* Rüppell, Mus. Senckenbergianum, 3: 99, pl. 8, f. 1; pl. 10, f. 3 a-c, 1842. Genotype *Heterocephalus glaber* Rüppell.

*Fornarina* Thomas, Proc. Zool. Soc. London, for 1903, 2: 336, 1 Apl. 1904. Genotype *Heterocephalus phillipsi* Thomas. On the status of this name see de Beaux, Atti Soc. Ital. di Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 73: 290, Dec. 1934.

Review and critical discussion: de Beaux, O., Atti Soc. Ital. di Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 73: 283-292, pl. 7-9, Dec. 1934.

## HETEROCEPHALUS GLABER GLABER Rüppell

*Heterocephalus glaber* Rüppell, Mus. Senckenbergianum, 3: 99, 175, pl. 8, f. 1; pl. 10, f. 3 a-c, 1842. Shoa, southern Abyssinia.

*Heterocephalus phillipsi* Thomas, Proc. Zool. Soc. London, p. 612, pl. 55, f. 1-4, Oct. 1885; *ibid.*, p. 845, Apl. 1886. Ogadain, Gerlogobie, central Somaliland.

*Heterocephalus ansorgei* Thomas, Proc. Zool. Soc. London, for 1903, 2: 336, 1 Apl. 1904. Between Ngomeni and Kinani, Makindu Country, Kenya Colony. Regarded as a synonym of *H. glaber* by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 160, pl. 6, 7, 1919).

*Heterocephalus dunni* Thomas, Ann. Mag. Nat. Hist. (8) 4: 109, Aug. 1909. Wardairi, central Somaliland.

*Heterocephalus stygius* G. M. Allen, Bull. Mus. Comp. Zool., 54: 444, Apl. 1912. Neumann's Boma, Northern Guaso Nyiro, Kenya Colony.

A synonym of *H. glaber* (see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 160, pl. 6, 7, 1919).

*Heterocephalus glaber progrediens* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 48: no. 5, p. 102, pl. 3, f. 2-5, 26 June 1912. Thornbush country north of Northern Guaso Nyiro, Kenya Colony.

Regarded by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 160, pl. 6, 7, 1919) as a synonym of *H. glaber*.

## HETEROCEPHALUS GLABER SCORTECCII de Beaux

*Heterocephalus glaber scortecii* de Beaux, Atti Soc. Ital. di Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 73: 283, pl. 7, pl. 8, upper figs.; pl. 9, upper figs., Dec. 1934. Gardo, northern Italian Somaliland.

## Family THRYONOMYIDÆ. Cane-rats

Review: Thomas, O. On the animals known as "Ground-hogs" or "Cane-rats" in Africa. Ann. Mag. Nat. Hist. (9) 9: 389-392, Apl. 1922.

## CHÆROMYS Thomas. Lesser Cane-rats

*Chæromys* Thomas, Ann. Mag. Nat. Hist. (9) 9: 390, Apl. 1922. Genotype  
*Thryonomys gregorianus* Thomas.

## CHÆROMYS GREGORIANUS GREGORIANUS (Thomas)

*Aulacodus gregorianus* Thomas, Ann. Mag. Nat. Hist. (6) 13: 202, Feb. 1894.  
Luiji Reru River, Konu, Kikuyu, Kenya Colony, 5700 ft.

## CHÆROMYS GREGORIANUS PUSILLUS (Heller)

*Thryonomys gregorianus pusillus* Heller, Smithsonian Misc. Coll., 59: no. 16,  
p. 17, 5 July 1912. Ndi, Taita Hills, Kenya Colony. Regarded as a dis-  
tinct species by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 163, 1919).

## CHÆROMYS HARRISONI HARRISONI (Thomas and Wroughton)

*Thryonomys harrisoni* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19:  
384, May 1907. Loka, 60 miles southwest of Fort Berkeley, Lado Enclave.

## CHÆROMYS HARRISONI CONGICUS Thomas

*Chæromys harrisoni congicus* Thomas, Ann. Mag. Nat. Hist. (9) 9: 390, Apl.  
1922. Lower Uele River, Congo Belge.

## CHÆROMYS HARRISONI RUTSHURICUS (Lönnberg)

*Thryonomys rutshuricus* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stock-  
holm, (2) 58: art. 2, p. 78, 1 Sep. 1917. Rutshuru, Congo Belge.  
Doubtfully distinct from *C. harrisoni* according to Thomas.

## CHÆROMYS HARRISONI SCLATERI (Thomas)

*Thryonomys sclateri* Thomas, Proc. Zool. Soc. London, p. 432, 1 Oct. 1897.  
Nyika plateau, Nyasaland, 6000-7000 ft.

## CHÆROMYS LOGONENSIS Jeannin

*Chæromys logonensis* Jeannin, Mamm. Sauvages du Caméroun, (Encycl. Biol.,  
16:) 178, 1936. Borders of Logone, Chad district, French Equatorial  
Africa (by implication).

## THRYONOMYS Fitzinger. Larger Cane-rats or "Ground-hogs"

*Thryonomys* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 56: sect. 1,  
p. 141, 1867. Genotype *Aulacodus semipalmatus* Heuglin.

*Aulacodus* Temminck, Monographies de Mammalogie, 1: 245, pl. 25, 1827.  
Genotype *Aulacodus swinderianus* Temminck. Preoccupied by *Aulacodus*  
Eschscholtz, 1822, in Coleoptera.

*Triaulacodus* Lydekker, Geogr. Hist. Mammals, pp. 91, 240, and footnote,  
1896. A substitute for *Aulacodus* Temminck (not Eschscholtz).



## THRYONOMYS SWINDERIANUS SWINDERIANUS (Temminck)

*Aulacodus swinderianus* Temminck, Monographies de Mammalogie, 1: 248, 1827. Sierra Leone (see Thomas, Ann. Mag. Nat. Hist. (9) 9: 391, Apl. 1922).

Range: Gambia to northern Nigeria.

## THRYONOMYS SWINDERIANUS ANGOLÆ Thomas

*Thryonomys swinderianus angolæ* Thomas, Ann. Mag. Nat. Hist. (9) 9: 392, Apl. 1922. Junction of Luando and Cuje Rivers, Angola, 4500 ft.

## THRYONOMYS LOGANI Romer and Nesbitt

*Thryonomys logani* Romer and Nesbitt, Ann. Mag. Nat. Hist. (10) 6: 687, Dec. 1930. Based on skull and skeleton from valley of Wad Odiemet, 140 km. southwest of Fort Leperrine, 4° 30' E., 22° N., Tanezrouft region, central Sahara, probably of "early Recent" age.

## THRYONOMYS SWINDERIANUS RAPTORUM Thomas

*Thryonomys swinderianus raptorum* Thomas, Ann. Mag. Nat. Hist. (9) 9: 392, Apl. 1922. Lagos, Nigeria.

Range: Forest region of lower Nigeria and Gold Coast, east through the Congo region.

## THRYONOMYS SWINDERIANUS VARIEGATUS (Peters)

*Aulacodus variegatus* Peters, Reise nach Mossambique, Säugeth., p. 138, 1852. Mozambique (Tette, Macauga, Sena, and Boror).

*Aulacodus semipalmatus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 31: art. no. 7, p. 5, pl. 1, f. 1-4, 1864. West of the Djur River, to Fertit and Niam-niam country, upper Bahr-el-Ghazal, Anglo-Egyptian Sudan.

*Aulacodus calamophagus* de Beerst in Pousargues, Bull. Mus. d'Hist. Nat. Paris, 3: 160, 1897. Saint Jacques de Lusaka, Nyasaland.

Range: Bahr-el-Ghazal and Uganda to eastern Cape of Good Hope.

## Family CTENODACTYLIDÆ

## CTENODACTYLUS Gray

*Ctenodactylus* Gray, Spicilegia Zoologica, 2: 10, 1 Aug. 1830. Genotype *Ctenodactylus massonii* Gray.

Palmer (North Amer. Fauna, no. 23, p. 303, 23 Jan. 1904) agrees with Lataste that Gundi as used by Shaw, and by Fischer is a vernacular use of the name and not a generic term.

**CTENODACTYLUS GUNDI GUNDI** (Rothmann). Gundi

*Mus gundi* Rothmann, in Schlözer's Briefwechsel, 1: 339, 1776. Hills of Ghar-  
ian ("Garean"), 80 km. south of Tripoli, Tunisia (see Thomas, O., A note  
on the type-locality and geographical races of the gundi (*Ctenodactylus*  
*gundi* Rothm.), Novitates Zool., 27: 506-507, Nov. 1920).

Range: Northwestern Tripoli and southern Tunisia.

**CTENODACTYLUS GUNDI MASSONII** Gray. Biskra Gundi

*Ctenodactylus massonii* Gray, Spicilegia Zoologica, 2: 11, pl. 10, 1 Aug. 1830.

"Cape of Good Hope," but doubtless North Africa.

*Ctenodactylus typicus* A. Smith, South African Quart. Journ., 2: 151, 1834.

"Barbary."

Range: Southern slopes of the Algerian Atlas, Biskra.

**CTENODACTYLUS JOLEAUDI** Heim de Balsac

*Ctenodactylus joleaudi* Heim de Balsac, Suppl. au Bull. Biol. de France et de  
Belgique, Paris, 21: 315 (brief description); 378, f. 10, no. 7 (skull); 381,  
f. 12, A (skull), 405, 1936; Bull. Soc. Zool. de France, 62: no. 5, p. 329, 14  
Aug. 1937 (formal description). Beni Ounif, Jebel Melias, Algeria.

**CTENODACTYLUS VALI** Thomas

*Ctenodactylus vali* Thomas, Proc. Zool. Soc. London, 2: 11, Oct. 1902. Wadi Bey,  
northwest of Bonjem, Tripoli.

Range: Middle Tripoli.

**FELOVIA** Lataste

*Felovia* Lataste, Le Naturaliste, 8: no. 36, p. 287, 15 June 1886. Proposed as a  
subgenus of *Massoutiera* with type *Felovia væ* Lataste; recognized as a  
valid genus by Thomas, O., Novitates Zool., 20: 31, 24 Feb. 1913; St.  
Leger, Proc. Zool. Soc. London, p. 978, 30 Sep. 1931.

**FELOVIA VÆ** Lataste

*Felovia væ* Lataste, Le Naturaliste, 8: no. 36, p. 287, 15 June 1886. Medina  
district, upper Senegal River, Senegal.

**MASSOUTIERA** Lataste

*Massoutiera* Lataste, Le Naturaliste, 7: no. 3, p. 21, 1 Feb. 1885. Genotype  
*Ctenodactylus mzabi* (Lataste.)

**MASSOUTIERA MZABI MZABI** (Lataste)

*Ctenodactylus mzabi* Lataste, Bull. Soc. Zool. de France, 6: 314, text-f. 1, 3, 5-7,  
1881. Gardaia, Mzab, Algeria.

## MASSOUTIERA MZABI HARTERTI Thomas

*Massoutiera harterti* Thomas, Novitates Zool., 20: 31, 24 Feb. 1913. Oued Mya, south of Fort Miribel, western Sahara, about 28° 30' N., 3° E.

## MASSOUTIERA MZABI ROTHSCILDI Thomas and Hinton

*Massoutiera rothschildi* Thomas and Hinton, Novitates Zool., 28: 11, 14 May 1921. Mt. Baguezan, Asben, northern Nigeria.

## PECTINATOR Blyth

*Pectinator* Blyth, Journ. Asiatic Soc. Bengal, for 1855, (2) 24: 294, 1856. Genotype *Pectinator spekei* Blyth.

*Petrobates* Heuglin, Zeitschr. f. Gesammt. Naturw., Berlin, 16: 413, 1860. Genotype *Pectinator spekei* Blyth.

## PECTINATOR SPEKEI SPEKEI Blyth

*Pectinator spekei* Blyth, Journ. Asiatic Soc. Bengal, for 1855, (2) 24: 294, pl. 2, f. 1, 1856. [Between Goree Bunder and Nogal], Somaliland.

## PECTINATOR SPEKEI LEGERÆ de Beaux

*Pectinator spekei legeræ* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 73: 293, Oct. 1934. Assab, Eritrea.

## PECTINATOR SPEKEI MERIDIONALIS de Beaux

*Pectinator spekei meridionalis* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 61: 27, Feb. 1922. Dolo, Somaliland.

## PETROMUS A. Smith. Dassie Rats

*Petromus* A. Smith, South African Quart. Journ., 1: no. 5, p. 10-11 (misprint for p. 2), Oct. 1831. Genotype *Petromus typicus* A. Smith.

*Petromys* A. Smith, South African Quart. Journ., 2: no. 2, p. 146, Jan.-Mar. 1834; Illustr. Zool. South Africa, Mamm., pt. 9, pl. 20; pl. 21, f. 1 a-e, Jan. 1840 (emendation).

## PETROMUS TYPICUS TYPICUS A. Smith

*Petromus typicus* A. Smith, South African Quart. Journ., 1: no. 5, p. 11 (misprint for p. 2), Oct. 1831. Mountains toward the mouth of Orange River, Little Namaqualand, Cape of Good Hope.

## PETROMUS TYPICUS CUNEALIS Thomas

*Petromys cunealis* Thomas, Proc. Zool. Soc. London, p. 307, 29 Apl. 1926. Cunene Falls, northwestern Ovamboland, Southwest Africa, 3350 ft.

## PETROMYS TYPICUS MARJORIÆ Bradfield

*Petromys typicus marjoriæ* Bradfield, Description of New Races of Kalahari Birds and Mammals, (privately printed), Benoni, South Africa, p. 1, 26 Sep. 1935; The Auk, 53: 131, Jan. 1936 (reprinted). Khan River, South-west Africa.

## PETROMYS TYPICUS TROPICALIS Thomas and Hinton

*Petromys typicus tropicalis* Thomas and Hinton, Proc. Zool. Soc. London, p. 241, 3 Apl. 1925. Karibib, Southwest Africa.

## Family PEDETIDÆ.

## PEDETES Illiger. Spring-haas

*Yerbua* Forster, Kongl. Svenska Vet.-Akad. Handl. Stockholm, (1) 39: 108, pl. 3, 1778 (in part, as to *Yerbua capensis* Forster).

*Pedetes* Illiger, Prodromus Syst. Mamm. et Avium, p. 81, 1811. Genotype *Dipus cafer* (Gmelin) = *Mus cafer* Pallas.

*Helamys* F. Cuvier, Règne Animal, ed. 1, 1: 202, footnote, 1817. Genotype *Mus cafer* Pallas.

*Helamis* F. Cuvier, Dictionnaire des Sci. Nat., 20: 341, 1821, variant.

*Pedestes* Gray, List Spec. Mamm. Brit. Mus., p. 130, 13 May 1843 (lapsus cal.).

## PEDETES CAFER CAFER (Pallas)

*Mus cafer* Pallas, Nov. Spec. Quadrup. e Glir. Ord., p. 87, 1778. Cape of Good Hope.

*Yerbua capensis* Forster, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (1) 39: 108, pl. 3, 1778. Cape of Good Hope.

*Pedetes typicus* A. Smith, South African Quart. Journ., 2: 169, 1834. Eastern districts of Cape Colony.

## PEDETES CAFER ANGOLÆ Hinton

*Pedetes angolæ* Hinton, Ann. Mag. Nat. Hist. (9) 6: 102, July 1920. Cholinde, 20 miles northeast of Bihé, Angola.

## PEDETES CAFER DAMARENSIS Roberts

*Pedetes caffer damarensis* Roberts, Ann. Transvaal Mus., 11: 261, 14 Sep. 1926. Quickborn, Okahandja, Southwest Africa.

## PEDETES CAFER DENTATUS Miller

*Pedetes cafer dentatus* Miller, Proc. Biol. Soc. Washington, 40: 113, 26 Sep. 1927. Near Dodoma, Tanganyika Territory.

## PEDETES CAFER ORANGIÆ Wroughton

*Pedetes cafer orangiæ* Wroughton, Ann. Mag. Nat. Hist. (7) 20: 32, July 1907.  
Aberfeldy district, Orange Free State.

## PEDETES CAFER SALINÆ Wroughton

*Pedetes cafer salinæ* Wroughton, Ann. Mag. Nat. Hist. (7) 20: 32, 33, July 1907.  
Woodbush, Zoutpansberg district, northwestern Transvaal.

## PEDETES CAFER TABORÆ G. M. Allen and Loveridge

*Pedetes cafer taboræ* G. M. Allen and Loveridge, Proc. Boston Soc. Nat. Hist.,  
38: 438, Dec. 1927. Tabora, Tanganyika Territory.

## PEDETES SURDASTER SURDASTER Thomas

*Pedetes surdaster* Thomas, Ann. Mag. Nat. Hist. (7) 9: 440, June 1902. More-  
dat, mile 365 of Uganda Railway, Naivasha Province, Kenya Colony.  
A distinct species, according to Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2,  
p. 156, 1919.

## PEDETES SURDASTER CURRAX Hollister

*Pedetes surdaster currax* Hollister, Smithsonian Misc. Coll., 68: no. 10, p. 3, 16  
Jan. 1918; Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 157, pls. 39, 40 (skull),  
1919. Kabalot Hill, Sotik, Kenya Colony.

## PEDETES SURDASTER LARVALIS Hollister

*Pedetes surdaster larvalis* Hollister, Smithsonian Misc. Coll., 68: no. 10, p. 2, 16  
Jan. 1918; Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 157, pls. 3, 4, 5 (lower  
figs.), 1919. Ulukenia Hills, Athi Plains, Kenya Colony.

## Family HYSTRICIDÆ. Old World Porcupines

## Subfamily ATHERURINÆ

## ATHERURUS G. Cuvier. Brush-tailed Porcupines

*Atherurus* G. Cuvier, Dictionnaire des Sci. Nat., 59: 483, 1829. Genotype not  
given but fixed as *Hystrix fasciculata* Shaw of Malacca = *Hystrix macroura*  
Linnæus.

*Atherura* G. Cuvier, Règne Animal, ed. 2, 1: 215, 1829 (emendation).

## ATHERURUS AFRICANUS (Gray)

*Atherura africana* Gray, Ann. Mag. Nat. Hist. (1) 10: 261, Dec. 1842. Sierra  
Leone.

## ATHERURUS ARMATUS Gervais

*Atherura armata* Gervais, Les Trois Règnes de la Nature, Hist. Nat. des Mammif., p. 334, 1854. Gambia.

## ATHERURUS BURROWSI Thomas

*Atherura burrowsi* Thomas, Ann. Mag. Nat. Hist. (7) 9: 270, Apl. 1902. Lower Aruwimi River, Congo Belge.

## ATHERURUS CENTRALIS Thomas

*Atherura centralis* Thomas, Ann. Mag. Nat. Hist. (6) 15: 89, Jan. 1895. Monbuttu, = Niangara, Congo Belge.

## ATHERURUS TURNERI St. Leger

*Atherura turneri* St. Leger, Ann. Mag. Nat. Hist. (10) 10: 231, Sep. 1932. Kakumega Forest, near Kaimosi, Kenya Colony.

## Subfamily HYSTRICINÆ

## HYSTRIX Linnæus. Crested Porcupines

*Hystrix* Linnæus, Syst. Nat., ed. 10, 1: 56, 1758. Included five species; genotype *Hystrix cristata* Linnæus.

*Oedocephalus* Gray, Proc. Zool. Soc. London, p. 308, Sep. 1866. Genotype *Acanthion cuvieri* Gray = *Hystrix cristata* Linnæus, in part.

See Müller, Ferdinand. Besprechung einiger Hystrix-Schädel aus Deutsch Ost-Afrika. Sitzb. Ges. Naturf. Freunde, Berlin, p. 309-315, 1910.

The status of all the described forms is in need of revision; probably those that are recognizable should be regarded as subspecies of *H. cristata* Linnæus.

## HYSTRIX AERULA Thomas

*Hystrix aerula* Thomas, Ann. Mag. Nat. Hist. (9) 16: 196, July 1925. Aouderas, Asben, French West Africa.

## HYSTRIX AFRICÆAUSTRALIS AFRICÆAUSTRALIS Peters

*Hystrix africa australis* Peters, Reise nach Mossambique, Säugeth., p. 170, pl. 32, f. 6, 7 (skull), 1852. Querimba coast and Tette, Mozambique.

*Hystrix capensis* Grill, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 2: no. 10, p. 19, 1858. Salt River, near Knysna, Cape of Good Hope.

## HYSTRIX AFRICÆAUSTRALIS PRITTWITZI F. Müller

*Hystrix africa-australis prittwitzi* Müller, Sitzb. Ges. Naturf. Freunde, Berlin, p. 311, text-f. 2, 313, Oct. 1910. Tabora, Tanganyika Territory.



## HYSTRIX AFRICÆAUSTRALIS ZULUENSIS Roberts

*Hystrix africa-australis zuluensis* Roberts, Ann. Transvaal Mus., 18: 240, 21 Feb. 1936. Umfolosi River, Transvaal.

## HYSTRIX CRISTATA Linnæus

*Hystrix cristata* Linnæus, Syst. Nat., ed. 10, 1: 56, 1758. "Asia" but restricted to "Rome" by Thomas, where probably introduced from North Africa (Cabrera).

*H[ystrix] cristata europæa* Kerr, Linnæus's Animal Kingdom, p. 213, 1792. No locality.

*Acanthion cuvieri* Gray, Proc. Zool. Soc. London, p. 102, 5 Aug. 1847 (in part). Locality unknown, but given in 1866 (Proc. Zool. Soc. London, p. 308, under *Oedocephalus cuvieri*) as North Africa.

Range: Northern Africa, from at least eastern Morocco to Egypt, and south to the Sahara.

## HYSTRIX GALEATA GALEATA Thomas

*Hystrix galeata* Thomas, Ann. Mag. Nat. Hist. (6) 11: 230, Mar. 1893. Lamu, Kenya Colony.

## HYSTRIX GALEATA AMBIGUA Lönnberg

*Hystrix galeata ambigua* Lönnberg, Wiss. Ergebn. Schwedisch. Zool. Exped. Kilimandjaro unter Leitung v. Sjöstedt, Mamm., p. 29, pl. 5, f. 3 (skull), 1908. Kibonoto, Tanganyika Territory.

## HYSTRIX GALEATA CONRADSI F. Müller

*H[ystrix] galeata conradsi* Müller, Sitzb. Ges. Naturf. Freunde, Berlin, p. 314, Oct. 1910. Mwanza and Ukerewe Island, Victoria Nyanza, Tanganyika Territory.

## HYSTRIX GALEATA LADEMANNI F. Müller

*H[ystrix] galeata ludemanni* (sic) Müller, Sitzb. Ges. Naturf. Freunde, Berlin, p. 314, Oct. 1910. Kondoa Irangi, and lower Bubu southwest of Mt. Kilimanjaro, Tanganyika Territory.

## HYSTRIX GALEATA LÖNNBERGI F. Müller

*Hystrix galeata lönnbergi* Müller, Sitzb. Ges. Naturf. Freunde, Berlin, p. 315, Oct. 1910. Mt. Kilimanjaro, Tanganyika Territory.

## HYSTRIX GALEATA SOMALENSIS Lönnberg

*Hystrix galeata somalensis* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 48: art. 5, p. 109, 26 June 1912. Near Nyoro, Northern Guaso Nyiro, Kenya Colony.

## HYSTRIX OCCIDANEA Cabrera

*Hystrix occidanea* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 24: 220, text-f. 1, 28 Apl. 1924; Trab. Mus. Nac. de Cien. Nat., Madrid, zool. ser., no. 57, p. 289, text-f. 34 B (skull), 30 Dec. 1932. Mogador, Morocco. Range: Southeastern Morocco.

## HYSTRIX SENEGALICA F. Cuvier

*Hystrix senegalica* F. Cuvier, Mém. Mus. d'Hist. Nat., Paris, 9: 430, 1822. Senegal (based on a young specimen).

## HYSTRIX STEGMANNI F. Müller

*Hystrix stegmanni* F. Müller, Arch. f. Naturgesch., 76: sect. A, pt. 1, no. 2, p. 186, Oct. 1910; Sitzb. Ges. Naturf. Freunde, Berlin, p. 312, text-f. 3, Oct. 1910. Kissenji, northeast of Lake Kivu, Congo Belge.

## Order HYRACOIDEA. Dassies

## Family PROCAVIIDÆ. Dassies or Hyraxes

Review: Hahn, Herbert. Die Familie der Procaviidæ. Zeitschr. f. Säugetierk., 9: 207-358, 69 text-f., pl. 13-16 (maps), 30 Dec. 1934.

Hatt, Robert T. Hyraxes collected by the American Museum Congo Expedition. Bull. Amer. Mus. Nat. Hist., 72: 117-141, text-f. 1-3, pl. 18-22, 28 Aug. 1936.

## DENDROHYRAX Gray. Tree Hyraxes

*Dendrohyrax* Gray, Ann. Mag. Nat. Hist. (4) 1: 48, Jan. 1868. Included three species; genotype fixed as *Hyrax arboreus* A. Smith (see Selater, W. L., Mamm. South Africa, 1: 310, 1900).

## DENDROHYRAX ARBOREUS ARBOREUS (A. Smith)

*Hyrax arboreus* A. Smith, Trans. Linn. Soc. London, 15: 468, 1827. Forests, Cape of Good Hope.

*Dendrohyrax arboreus* Gray, Ann. Mag. Nat. Hist. (4) 1: 49, Jan. 1868.

## DENDROHYRAX ARBOREUS ADOLFI-FRIEDERICI (Brauer)

*Procapia (Dendrohyrax) adolfi-friederici* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 132, Feb. 1913. Bugoie Forest, north of Lake Kivu, Congo Belge.

*Procapia (Heterohyrax) schubotzi* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 134, Feb. 1913. Bugoie Forest, north of Lake Kivu, Congo Belge.

*Procapia (Heterohyrax) helgei* Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17 B: no. 9, p. 4, 14 May 1925. Mt. Mikeno, Birunga Volcanoes, Congo Belge.

## DENDROHYRAX ARBOREUS BETTONI (Thomas and Schwann)

*Procavia bettoni* Thomas and Schwann, Abstract Proc. Zool. Soc. London, no. 6, p. 23, 26 Apl. 1904; Proc. Zool. Soc. London, 1: 463, 2 Aug. 1904. Rogoro, mile 346 of Uganda Railway, Kenya Colony.

*Procavia (Dendrohyrax) scheffleri* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 130, Feb. 1913. Kibwezi, Kenya Colony.

*Procavia (Dendrohyrax) vilhelmi* Lönnberg, Arkiv f. Zool., 10: no. 12, p. 26, 19 May 1916. Donya Sabuk, Kenya Colony.

## DENDROHYRAX ARBOREUS BRAUERI Hahn

*Dendrohyrax arboreus braueri* Hahn, Zeitschr. f. Säugethierk., 8: 278, 20 Dec. 1933. Elizabethville, Congo Belge.

## DENDROHYRAX ARBOREUS CRAWSHAYI (Thomas)

*Procavia (Dendrohyrax) crawshayi* Thomas, Proc. Zool. Soc. London, p. 178, 1 June 1900. Western slope of Mt. Kenya, Kenya Colony, 10,000 ft.

*Dendrohyrax crawshayi laikipia* Dollman, Ann. Mag. Nat. Hist. (8) 8: 131, July 1911. Rumruti, Laikipia Plateau, Kenya Colony.

## DENDROHYRAX ARBOREUS MIMUS (Thomas)

*Procavia mima* Thomas, Ann. Mag. Nat. Hist. (7) 6: 387, Oct. 1900. Northern Nyasaland, Nyasa-Tanganyika plateau.

## DENDROHYRAX ARBOREUS RUWENZORII (Neumann)

*Procavia (Dendrohyrax) ruwenzorii* Neumann, Proc. Zool. Soc. London, 2: 143, Oct. 1902. Mt. Ruwenzori, Congo Belge, 11-15,000 ft.

## DENDROHYRAX ARBOREUS STUHLMANNI (Matschie)

*Procavia stuhlmanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 110, 1892. Bukoba, Victoria Nyanza, Tanganyika Territory.

*Dendrohyrax scheelei* Matschie, Deutsch-Ost-Afrika, 3: Säugeth., p. 90, footnote, 1895. Khutu, near Ruaha River, Tanganyika Territory.

## DENDROHYRAX DORSALIS DORSALIS (Fraser)

*Hyrax dorsalis* Fraser, Proc. Zool. Soc. London, for 1852, p. 99, pl. 33 (Mamm.), 23 May 1854. Island of Fernando Po.

## DENDROHYRAX DORSALIS EMINI Thomas

*Dendrohyrax emini* Thomas, Ann. Mag. Nat. Hist. (5) 20: 440, Dec. 1887. Tingasi, Monbuttu, Congo Belge.

*Dendrohyrax rubriventer* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 295, 10 Sep. 1917. Kalumenda-Beni, Congo Belge.

Omitted by Hahn (1934) but probably a synonym of *D. dorsalis emini* Thomas according to Hatt (Bull. Amer. Mus. Nat. Hist., 72: 118, 28 Aug. 1936).

*Dendrohyrax beniensis* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 295, 10 Sep. 1917. Beni Zambo, Kalumenda-Beni, Congo Belge.

*Dendrohyrax congoensis* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 295, 10 Sep. 1917. Beni (Cartoushi), Congo Belge.

*Dendrohyrax brevimaclatus* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 296, 10 Sep. 1917. Lesse, Ituri district, Congo Belge.

#### DENDROHYRAX DORSALIS LATRATOR (Thomas)

*Procavia emini latrator* Thomas, Ann. Mag. Nat. Hist. (8) 5: 285, Mar. 1910. Batempa, upper Sankuru River, Congo Belge.

Although by Hahn regarded as a synonym of *D. d. emini*. Hatt (Bull. Amer. Mus. Nat. Hist., 72: 118, 28 Aug. 1936) believes it probably recognizable.

#### DENDROHYRAX DORSALIS MARMOTA (Thomas)

*Procavia (Dendrohyrax) marmota* Thomas, Proc. Zool. Soc. London, 2: 88, 1 Oct. 1901. Mengo, north of Entebbe, Uganda.

#### DENDROHYRAX DORSALIS NIGRICANS (Peters)

*Hyrax nigricans* Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 10, 1879. Chinchoxo, north of the mouth of the Congo, Kabinda, Angola.

*Procavia (Dendrohyrax) tessmanni* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 411, July 1912. Akonangi, Spanish Guinea.

*Pr[ocavia] (Dendrohyrax) adametzi* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 412, July 1912. Lake Barombi, Johann-Albrechts Heights, Cameroons.

*Pr[ocavia] (Dendrohyrax) adametzi zenkeri* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 38, Jan. 1914. Southern Cameroons, specimens from Bipindi, Bibundi and Yaunde.

#### DENDROHYRAX DORSALIS SYLVESTRIS (Temminck)

*Hyrax sylvestris* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 182, 1853. Guinea coast to Ashanti, West Africa.

*Hyrax stampflii* Jentink, Notes Leyden Mus., 8: 210, Oct. 1886. Chap Hill, opposite Schlieffelinsville, Junk River, Liberia.

*Pr[ocavia] (Dendrohyrax) aschantiensis* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 36, Jan. 1914. Abetifi, Ashanti, northwest of Begoro, Gold Coast.

#### DENDROHYRAX VALIDUS VALIDUS True

*Dendrohyrax validus* True, Proc. U. S. Nat. Mus., 13: 228, 16 Sep. 1890. Mt. Kilimanjaro, Tanganyika Territory.

#### DENDROHYRAX VALIDUS NEUMANNI (Matschie)

*Procavia neumanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 112, 1893. Zanzibar, Pangani forest.

*Dendrohyrax adersi* Kershaw, Ann. Mag. Nat. Hist. (9) 13: 557, May 1924. Wete, Ngesi, Pemba Island, off Tanganyika Territory.

**DENDROHYRAX VALIDUS TERRICOLA Mollison**

*Dendrohyrax terricola* Mollison, Zool. Anzeiger, 29: 423, 26 Sep. 1905. Near Monga, eastern Usambara, Tanganyika Territory.

*Dendrohyrax terricola schusteri* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 296, 10 Sep. 1917. Uluguru Mts., eastern Tanganyika Territory.

**DENDROHYRAX VALIDUS VOSSELERI Brauer**

*Dendrohyrax terricola vosseleri* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 296, 10 Sep. 1917. Amani on the Sigi, Tanganyika Territory.

**HETEROHYRAX Gray Gray Hyraxes**

*Heterohyrax* Gray, Ann. Mag. Nat. Hist. (4) 1: 50, Jan. 1868. As a subgenus of *Dendrohyrax*; type *Dendrohyrax blainvillii* Gray = *Hyrax syriacus* Schreber.

**HETEROHYRAX ANTINEÆ (Heim de Balsac and Bégouen)**

*Procavia (Heterohyrax) antineæ* Heim de Balsac and Bégouen, Bull. Mus. d'Hist. Nat., Paris, (2) 4: 479, June 1932. Ahaggar, central Sahara.

**HETEROHYRAX CHAPINI (Hatt)**

*Procavia chapini* Hatt, Amer. Mus. Novitates, no. 594, p. 1, 26 Jan. 1933. Summit of Loadi Hill, 5 km. southwest of Matadi, Lower Congo district, Congo Belge.

As to status, see Hatt, Bull. Amer. Mus. Nat. Hist., 72: 132, text-f. 2, pl. 22, lower fig., 28 Aug. 1936.

**HETEROHYRAX SYRIACUS SYRIACUS (Schreber)**

*Hyrax syriacus* Schreber, Säugthiere, 4: 923, pl. 240B, 1792. Mt. Lebanon, Mt. Sinai; Ras Mohammed, Ethiopia.

*Hyrax brucei* Gray, Ann. Mag. Nat. Hist. (4) 1: 44, Jan. 1868. Abyssinia.

*Dendrohyrax blainvillii* Gray, Ann. Mag. Nat. Hist. (4) 1: 50, Jan. 1868. No locality.

*H[yrax] irroratus* Gray, Ann. Mag. Nat. Hist. (4) 3: 242, Mar. 1869. Abyssinia.

**HETEROHYRAX SYRIACUS ALBIPES Hollister**

*Heterohyrax brucei albipes* Hollister, Proc. Biol. Soc. Washington, 35: 135, 17 Oct. 1922. Telek River, Loita Plains, Kenya Colony.

Regarded by Hahn (1934, p. 276) as a synonym of *H. syriacus hindei* (Wroughton).

**HETEROHYRAX SYRIACUS BAKERI (Gray)**

*Dendrohyrax bakeri* Gray, Ann. Mag. Nat. Hist. (4) 14: 133, Aug. 1874. Latiko, 3° N.

The only *Heterohyrax* on west bank of the Nile.

## HETEROHYRAX SYRIACUS BOCAGEI (Gray)

*Hyraz bocagei* Gray, Ann. Mag. Nat. Hist. (4) 3: 242, Mar. 1869. Angola.

*Dendrohyrax grayi* Bocage, Journ. Sci. Math., Phys., e Nat., Lisboa, (2) 1: 190, 1889. Quissange, Angola.

## HETEROHYRAX SYRIACUS DIESENERI Brauer

*Heterohyrax brucei dieseneri* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 298, 10 Sep. 1917. Guta, Speke Gulf, Uschaschi, Tanganyika Territory, Ikoma, and Ukerewe Island, Lake Victoria.

## HETEROHYRAX SYRIACUS FROMMI (Brauer)

*Procavia (Heterohyrax) frommi* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 136, Feb. 1913. Mahenge district, southeast of Iringa, Tanganyika Territory.

## HETEROHYRAX SYRIACUS GRANTI (Wroughton)

*Procavia brucei granti* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 109, Jan. 1910. Woodbush, Transvaal.

## HETEROHYRAX SYRIACUS HINDEI (Wroughton)

*Procavia brucei hindei* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 107, Jan. 1910. Fort Hall, Kenya Colony.

*Procavia brucei maculata* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 6, 16 Feb. 1910. Lukenya Mt., Kenya Colony.

## HETEROHYRAX SYRIACUS KEMPI (Thomas)

*Procavia brucei kempi* Thomas, Ann. Mag. Nat. Hist. (8) 5: 200, Feb. 1910. Elgoni, Mt. Elgon, Kenya Colony, 7000 ft.

## HETEROHYRAX SYRIACUS LADEMANNI Brauer

*Heterohyrax lademanni* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 298, 10 Sep. 1917. Livingstone Mts., at Mwakete, Tanganyika Territory; other localities mentioned are Upangwa, Msangwa and Mlando.

## HETEROHYRAX SYRIACUS MANNINGI (Wroughton)

*Procavia brucei manningi* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 109, Jan. 1910. Mlanji, Nyasaland.

## HETEROHYRAX SYRIACUS MOSSAMBICUS (Peters)

*Hyraz mossambicus* Peters, Sitzb. Ges. Naturf. Freunde, p. 25, 1869. Cabaçeira peninsula, Mozambique.

## HETEROHYRAX SYRIACUS MÜNZNERI (Brauer)

*Procavia (Heterohyrax) münzneri* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 137, Feb. 1913. Bismarekburg, near Lake Tanganyika, Tanganyika Territory.



*Heterohyrax münzneri ruckwaensis* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 299, 10 Sep. 1917. Rukwa Lake, and Rudshugi Post, Tanganyika Territory.

HETEROHYRAX SYRIACUS PRINCEPS (Thomas)

*Procavia brucei princeps* Thomas, Ann. Mag. Nat. Hist. (8) 5: 199, Feb. 1910. Bourka, Arusi country, near Lake Zuai, Abyssinia, 5000 ft.

*Heterohyrax arboricola* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 297, 10 Sep. 1917. Dembel Lake, north of Abbaja Lake, Galla, central Abyssinia.

HETEROHYRAX SYRIACUS PRITTWITZI Brauer

*Heterohyrax brucei prittwitzi* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 299, 10 Sep. 1917. No type locality designated, but Kilimatinde, Tanganyika Territory, may be selected from those named.

HETEROHYRAX SYRIACUS PUMILUS (Thomas)

*Procavia pumila* Thomas, Ann. Mag. Nat. Hist. (8) 5: 201, Feb. 1910. Fifty miles southeast of Berbera, British Somaliland. May be a distinct species.

HETEROHYRAX SYRIACUS RUDDI (Wroughton)

*Procavia brucei ruddi* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 108, Jan. 1910. Tambarara, Gorongoza Mts., Mozambique.

HETEROHYRAX SYRIACUS RUDOLFI (Thomas)

*Procavia pumila rudolfi* Thomas, Ann. Mag. Nat. Hist. (8) 5: 202, Feb. 1910. North end of Lake Rudolf, Abyssinia, 2000 ft.

*Procavia brucei borana* Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 66, Jan. 1912. North of Northern Guaso Nyiro, east of Marsabit road, Kenya Colony.

HETEROHYRAX SYRIACUS SOMALICUS (Thomas)

*P[rocavia] brucei somalica* Thomas, Proc. Zool. Soc. London, p. 71, June 1892. Berbera, Somaliland.

*Heterohyrax brucei hararensis* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 297, 10 Sep. 1917. Near Harar, Galla country, Abyssinia.

*Heterohyrax pumila webensis* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 297, 10 Sep. 1917. Web River, southern Abyssinia.

HETEROHYRAX SYRIACUS SSONGEÆ Brauer

*Heterohyrax brucei ssongeæ* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 300, 10 Sep. 1917. No type locality specified; specimens noted from Ssongea, North Matengo, Papaj-Nyassa, Rhuira, Ussangira, southern Tanganyika Territory, of which the first may be designated as type locality.

## HETEROHYRAX SYRIACUS THOMASI (Neumann)

*Procaria thomasi* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 240, 1901.

Kaffa, Gimirra, and Binescho, Omo Basin and basin of the Gelo (one of the sources of the Sobat), Anglo-Egyptian Sudan.

## HETEROHYRAX SYRIACUS VICTORIA-NJANSÆ Brauer

*Heterohyrax brucei victoria-njansæ* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 299, 10 Sep. 1917. No type locality designated; specimens from Nyan-gesi, Mwanza, and Mondo, near Lake Victoria, Tanganyika Territory, of which Mwanza may be designated type locality.

## PROCAVIA Storr. Large-toothed Hyraxes

*Procaria* Storr, Prodromus Methodi Mamm., p. 40, pl. B, 1780. Thomas, Proc. Zool. Soc. London, p. 51, June 1892. Genotype *Cavia capensis* Pallas.

*Hyrax* Hermann, Tabula Affinitatum Anim., p. 115, 1783. Genotype *Cavia capensis* Pallas.

*Euhyrax* Gray, Ann. Mag. Nat. Hist. (4) 1: 46, Jan. 1868. Genotype *Hyrax habessinicus* Hemprich and Ehrenberg.

## PROCAVIA CAPENSIS CAPENSIS (Pallas)

*Cavia capensis* Pallas, Miscellanea Zool., p. 30, pls. 3, 4, 1766. Cape of Good Hope.

*Dendrohyrax semicircularis* Gray, Cat. Carnivorous, Pachydermatous and Edentate Mamm. Brit. Mus., p. 285, 1869. No locality.

*P[rocaria] capensis coombsi* Roberts, Ann. Transvaal Mus., 10: 76, 31 Jan. 1924. Hennops River, Pretoria, Transvaal.

*Procaria capensis natalensis* Roberts, Ann. Transvaal Mus., 10: 76, 31 Jan. 1924. Piggs Peak, Swaziland, Transvaal.

## PROCAVIA CAPENSIS CHIVERSI Roberts

*Procaria capensis chiversi* Roberts, Ann. Transvaal Mus., 19: 101, 8 Nov. 1937. Mt. Fletcher, East Griqualand, south of Basutoland, South Africa.

## PROCAVIA CAPENSIS LETABÆ Roberts

*Procaria capensis letabæ* Roberts, Ann. Transvaal Mus., 19: 102, 8 Nov. 1937. Mokeetsi, northeastern Transvaal.

## PROCAVIA CAPENSIS MARLOTHI Brauer

*Pr[ocavia] capensis marlothi* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 33, Jan. 1914. Kranshoek and Nieuwveld Mts. near Beaufort West, northern Cape of Good Hope (Cape Colony).

## PROCAVIA CAPENSIS ORANGIÆ Roberts

*Procaria capensis orangiæ* Roberts, Ann. Transvaal Mus., 19: 101, 8 Nov. 1937. Meadows, Orange Free State.

*PROCAVIA CAPENSIS SCHULTZEI* Brauer

*Pr[ocavia] capensis schultzei* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 32, Jan. 1914. Chamis, Great Namaqualand, Southwest Africa.

*PROCAVIA CAPENSIS WELWITSCHII* (Gray)

*Hyraz welwitschii* Gray, Ann. Mag. Nat. Hist. (4) 1: 43, Jan. 1868. Rocky banks of River Maiomba, Mossamedes district, Angola.

*Procavia flavimaculata* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 303, 10 Sep. 1917. Kaokoveld, northwestern Southwest Africa.

*PROCAVIA CAPENSIS WINDHUKI* Brauer

*Pr[ocavia] capensis windhuki* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 30, Jan. 1914. Dobra and neighboring localities near Windhuk, Southwest Africa.

*Pr[ocavia] capensis waterbergensis* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 33, Jan. 1914. Waterberg, Southwest Africa.

*Pr[ocavia] capensis reuningi* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 31, Jan. 1914. Fürstenwalde, Lichtenstein and neighborhood, near Windhuk, Southwest Africa.

*PROCAVIA HABESSINICA HABESSINICA* (Hemprich and Ehrenberg)

*Hyraz habessinicus* Hemprich and Ehrenberg, Symbolæ Physicæ, Zool., Mamm., dec. 1, folio g, Aug. 1832. Coastal mountains of Abyssinia, near Arkiko and Eilet.

*Euhyraz abyssinicus* Gray, Ann. Mag. Nat. Hist. (4) 1: 47, Jan. 1868.

*Hyraz habysinicus* Anderson and De Winton, Zool. of Egypt, Mamm., p. 326, 1902.

*PROCAVIA HABESSINICA ALPINI* (Gray)

*Hyraz alpini* Gray, Ann. Mag. Hist. Nat. (4) 1: 45, Jan. 1868. "Abyssinia."

*H[yraz] ferrugineus* Gray, Ann. Mag. Nat. Hist. (4) 3: 242, Mar. 1869. Abyssinia.

*H[yraz] irroratus*, var. *luteogaster* Gray, Ann. Mag. Nat. Hist. (4) 3: 242, Mar. 1869. "Very probably . . . . . Abyssinia."

*Hyraz irroratus*, var. *leucogaster* Gray, Handlist Edentates, etc., Brit. Mus., p. 42, 1873 (lapsus calami for *luteogaster*).

*PROCAVIA HABESSINICA BURTONII* (Gray)

*Hyraz burtonii* Gray, Ann. Mag. Nat. Hist. (4) 1: 43, Jan. 1868. "Egypt."

*Hyraz dongolanus* Blanford, ex Hemprich and Ehrenberg, Proc. Zool. Soc. London, for 1869, p. 642, Apl. 1870. Dongola.

*Procavia ruficeps* Thomas, Proc. Zool. Soc. London, p. 63, June 1892, not of Hemprich and Ehrenberg.

**PROCAVIA HABESSINICA BUTLERI** Wroughton

*Procavia bulleri* Wroughton, Ann. Mag. Nat. Hist. (8) 8: 461, Oct. 1911. Jebel Fazogli, Blue Nile at Abyssinian border, 3500 ft.

**PROCAVIA HABESSINICA DÆMON** Thomas

*Procavia dæmon* Thomas, Ann. Mag. Nat. Hist. (8) 5: 199, Feb. 1910. Elgonyi, Mt. Elgon, Kenya Colony, 7000 ft.

*Procavia dæmon varians* Granvik, Acta Univ. Lundensis, (2) 21: no. 3, p. 26, 1925. East slopes of Mt. Elgon, Kenya Colony.

**PROCAVIA HABESSINICA ERLANGERI** Neumann

*Procavia erlangeri* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 238, 1901. Headwaters of Webi Shebeli, Somaliland.

*Procavia erlangeri capillosa* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 302, 10 Sep. 1917. Agada on the Abunass and Semæno, Arusi Land, central Abyssinia.

*Procavia erlangeri comata* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 302, 10 Sep. 1917. Gara Mulata, near Harar, Galla, Abyssinia.

**PROCAVIA HABESSINICA JACKSONI** Thomas

*Procavia jacksoni* Thomas, Proc. Zool. Soc. London, p. 176, footnote, 1 June 1900. Ravine Station, Kenya Colony.

*Procavia mackinderi zelotes* Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 2, p. 5, 16 Feb. 1910. Between Naivasha and Kijabe, Kenya Colony.

**PROCAVIA HABESSINICA MENELIKI** Neumann

*Procavia meneliki* Neumann, Proc. Zool. Soc. London, 2: 143, Oct. 1902. Abuje and Badattino, Province of Gindeberat, south of Blue Nile, Abyssinia.

**PROCAVIA HABESSINICA MINOR** Thomas

*P[rocavia] abyssinica minor* Thomas, Proc. Zool. Soc. London, p. 66, June 1892. Alali, at 13° N., Red Sea coast.

**PROCAVIA HABESSINICA PALLIDA** Thomas

*Procavia pallida* Thomas, Ann. Mus. Civ. Stor. Nat., Genova, 30 = (2) 10: 908, 25 June 1891. Hekebo plateau, northern Somaliland.

**PROCAVIA HABESSINICA SCIOANA** (Giglioli)

*Hyrax scioanus* Giglioli, Ann. Mus. Civ. Stor. Nat., Genova, 26 = (2) 6: 21, 5 Mar. 1888. Ankober, Shoa.

*Procavia shoana* Thomas, Proc. Zool. Soc. London, p. 61, June 1892 (emendation).

**PROCAVIA JOHNSTONI JOHNSTONI** Thomas

*Procavia johnstoni* Thomas, Proc. Zool. Soc. London, p. 142, June 1894. Fort Lister, Nyasaland.

**PROCAVIA JOHNSTONI LOPESI** Thomas

*Procapra lopesi* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 251, June 1907. Kodja Hill, Gaima Range, Kibali River, Monbuttu, Congo Belge.

*Procapra ituriensis* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 303, 10 Sep. 1917. Ituri, Congo Belge.

**PROCAVIA JOHNSTONI MACKINDERI** Thomas

*Procapra mackinderi* Thomas, Proc. Zool. Soc. London, p. 176, 1 June 1900. Teleki Valley, Mt. Kenya, Kenya Colony, 13,000 ft.

**PROCAVIA JOHNSTONI MATSCHIEI** Neumann

*Procapra matschiei* Neumann, Zool. Jahrb., Syst., 13: 555, 10 Oct. 1900. Mwanza, Tanganyika Territory.

**PROCAVIA JOHNSTONI VOLKMANNI** Brauer

*Procapra* [volkmanni] Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 35, Jan. 1914. Franzfontein, northern Southwest Africa.

**PROCAVIA RUFICEPS RUFICEPS** (Hemprich and Ehrenberg)

*Hyrax ruficeps* Hemprich and Ehrenberg, Symbolæ Physicæ, Zool., Mamm., dec. 1, folio h, pl. 2, upper fig., Aug. 1832. Dongola, Anglo-Egyptian Sudan.

*Hyrax dongolanus* Blanford, Proc. Zool. Soc. London, for 1869, p. 642, Apl. 1870 (in part).

**PROCAVIA RUFICEPS BAMENDÆ** Brauer

*Procapra bamendæ* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 125, Feb. 1913. Bamenda, southwestern Cameroons.

**PROCAVIA RUFICEPS BOUNHIOLI** Kollmann

*Procapra bounhioli* Kollmann, Bull. Mus. d'Hist. Nat., Paris, 18: 281, 1912. Ahaggar, Sahara Desert, Algeria.

*Procapra (Heterohyrax) antineæ* Heim de Balsac and Bégouen, Bull. Mus. d'Hist. Nat., Paris, (2) 4: 479, June 1932. Ahaggar, central Sahara, French West Africa.

**PROCAVIA RUFICEPS BUCHANANI** Thomas and Hinton

*Procapra buchanani* Thomas and Hinton, Novitates Zool., 28: 13, 14 May 1921. Aouderas, Asben, northern Nigeria.

**PROCAVIA RUFICEPS EBNERI** Wettstein

*Procapra (Procapra) ebneri* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 162, 1916. Talodi, southern Kordofan, Anglo-Egyptian Sudan.

*PROCAVIA RUFICEPS ELBERTI* Brauer

*Procvia elberti* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 300, 10 Sep. 1917. Cave at Jade, about 7° N., 15° E., northern Cameroons.

*Procvia naumanni* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 300, 10 Sep. 1917. On the Bole, tributary of the Uham, 6° N., 16° E., northern Cameroons.

*PROCAVIA RUFICEPS GOSLINGI* Thomas

*Procvia goslingi* Thomas, Ann. Mag. Nat. Hist. (7) 15: 82, Jan. 1905. Nertang, Yerghum country, northern Nigeria.

*PROCAVIA RUFICEPS KAMERUNENSIS* Brauer

*Procvia kamerunensis* Brauer, Sitzb. Ges. Naturf. Freunde, p. 127, Feb. 1913. Lagdo Hills, southeast of Garua, northern Cameroons.

*PROCAVIA RUFICEPS KERSTINGI* Matschie

*Procvia kerstingi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 59, 1899. Tshyati, 50 km. southeast of Pessi, about 7° 50' N., near Togo-Dahomy boundary, Nigeria.

*PROCAVIA RUFICEPS LATASTEI* Thomas

*Procvia latastei* Thomas, Proc. Zool. Soc. London, p. 69, June 1892. Senegal, cotypes from Félou and Médine.

*PROCAVIA RUFICEPS MARRENSIS* Thomas and Hinton

*Procvia ruficeps marrensis* Thomas and Hinton, Proc. Zool. Soc. London, p. 271, 6 July 1923. Central part of Jebel Marra, Darfur, Anglo-Egyptian Sudan, 7100 ft.

*PROCAVIA RUFICEPS MELFICA* Mertens

*Procvia sharica melfica* Mertens, Senckenbergiana, Frankfurt a. M., 11: 121, 29 Apr. 1929. Melfi Mts., East Bagirmi, Chad district, French Equatorial Africa. (Omitted from Hahn's monograph, 1934.)

*PROCAVIA RUFICEPS OWENI* Thomas

*Procvia oweni* Thomas, Ann. Mag. Nat. Hist. (8) 8: 123, July 1911. Near Daley, Fouta Djallon, French Gambia.

*PROCAVIA RUFICEPS SHARICA* Thomas and Wroughton

*Procvia sharica* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 522, June 1907. Kajibu, Shari River, French Equatorial Africa.

*PROCAVIA RUFICEPS SLATINI* Sassi

*Procvia slatini* Sassi, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Kl., 115: sect. 1, pt. 6, p. 1002, 2 pls., June 1906. Hills on the White Nile, south of Gondokoro, 5° N., Anglo-Egyptian Sudan.



## Order PROBOSCIDEA. Proboscideans

## Family ELEPHANTIDÆ. Elephants

## LOXODONTA F. Cuvier. African Elephants

- Loxodonta* F. Cuvier, Zool. Journ., 3: 140, Jan. 1827, based on the *Loxodonte* of E. Geoffroy and F. Cuvier, Hist. Nat. des Mammifères, pts. 51, 52, Nov. 1825. Genotype *Elephas capensis* F. Cuvier = *E. africanus* Blumenbach.
- Loxodon* Falconer, Quart. Journ. Geol. Soc. London, 13: 315 and synopt. tab., 1 Nov. 1857 (preoccupied). "Includes species allied to the African Elephant" hence genotype is *Elephas africanus* Blumenbach.

LOXODONTA AFRICANA AFRICANA (Blumenbach). South African Bush Elephant.

*Elephas africanus* Blumenbach, Handbuch d. Naturgesch., ed. 5, p. 125, Atlas, pl. 19, f. C, 1797. No locality given, but selected as Orange River, South Africa (Pohle, H., Zeitschr. f. Säugethierk., 1: 63, 31 Aug. 1926).

Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 138, 1924) regards the statement of Roosevelt and Heller (Life Histories of African Game Animals, 2: 716, 1914) that "we have applied the older name, *africana*, to the form inhabiting the Congo basin," as fixing the type locality; this, however, is too general a statement, and may be interpreted as tentative only.

*Elephas capensis* F. Cuvier, Tableau Élémentaire de l'Hist. Nat. des Anim., p. 149, 1798. Orange River region, South Africa.

*Elephas africanus tolotis* Lydekker, Proc. Zool. Soc. London, p. 385, 388, text-f. 106, 107, 1 Aug. 1907. Western Cape of Good Hope; type mounted in South African Museum, Cape Town; type locality later corrected to Addo Bush, southeastern Cape of Good Hope.

LOXODONTA AFRICANA KNOCHENHAUERI (Matschie)

*Elephas africanus knochenhaueri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 197, 1900. Barikiwa, southern Tanganyika Territory.

LOXODONTA AFRICANA OXYOTIS (Matschie)

*Elephas (Loxodonta) oxyotis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 196, 1900. Upper Atbara River, Anglo-Egyptian Sudan.

The status of the following supposed races of Bush Elephant is still uncertain, though probably few of them will prove to be recognizable:—

*Loxodonta africana angolensis* Frade, Titulos e Trabalhos Científicos, (Curriculum vitæ), Lisboa, p. 15, June 1928; Bull. Soc. Portugaise des Sci. Nat., Lisbonne, 11: 322, Dec. 1933. Cunene region, Angola.

*Elephas africanus cavendishi* Lydekker, Proc. Zool. Soc. London, p. 394 (legend to text-f. 115, of type), 395 (characters), 1 Aug. 1907. Lake Rudolf district, northern Kenya Colony.

*Elephas africanus moçambicus* Frade, Bull. Soc. Portugaise des Sci. Nat., Lisbonne, 9: 133, text-f. 4, 1924. Maputo region, Mozambique.

*Elephas africanus orleansi* Lydekker, Proc. Zool. Soc. London, p. 398 (legend to text-f. 118, of type, and in text), 1 Aug. 1907. Northern Somaliland.

*Elephas africanus peeli* Lydekker, Proc. Zool. Soc. London, p. 393 (legend to text-f. 114 of cotype), 394, 1 Aug. 1907. Aberdare Mts., Kenya Colony (first cotype); southeast Africa (second cotype).

*Elephas africanus rothschildi* Lydekker, Proc. Zool. Soc. London, p. 399, text-f. 119 (of "Jumbo"), 1 Aug. 1907. "Some part of the French Sudan, probably to the southward of Lake Chad."

*Elephas africanus sclousi* Lydekker, Proc. Zool. Soc. London, p. 387 (in legend to text-f. 108, of type), 388, text-f. 109, 389 (type designated), 1 Aug. 1907. Mashonaland, Rhodesia.

*Loxodonta africana zukowskyi* Strand, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 68, footnote, July 1924. Kaokoveld, Southwest Africa.

#### LOXODONTA CYCLOTIS (Matschie). Forest Elephant

*E[lephas] cyclotis* or *Elephas capensis cyclotis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 194, 1900. Yaunde, southern Cameroons.

*Elephas africanus pumilio* Noack, Zool. Anzeiger, 29: 631, 8 Jan. 1906. French Congo.

*Elephas africanus albertensis* Lydekker, The Field (London), 107: 1089, 30 June 1906; Proc. Zool. Soc. London, p. 402, text-f. 121 (skull), 1 Aug. 1907. Southwest end of Albert Nyanza, Congo Belge.

*Elephas africanus cottoni* Lydekker, Proc. Zool. Soc. London, for 1907, p. 783, 4 June 1908; based on ear figured and described in Proc. Zool. Soc. London, p. 390, text-f. 111, 1 Aug. 1907. Congo.

*Elephas africanus frausseni* Schouteden, Revue Zool. Africaine, 3: 396, 20 Jan. 1914. M'Paa, near Lake Léopold II, Congo Belge.

For summary of history and characters, see Allen, G. M., Proc. Acad. Nat. Sci., Philadelphia, 88: 15-44, pl. 1-4, text-f. 1-2, 10 Mar. 1936.

## Order SIRENIA. Sea-cows

## Family DUGONGIDÆ. Dugongs

## DUGONG Lacépède

*Dugong* Lacépède, Tabl. des Mamm., p. 17, 1799; Buffon, Hist. Nat., Quadrupèdes, Didot ed., 14: 193, 1799. Genotype *Dugong indicus* Desmarest.  
*Platystomus* G. Fischer, Das National Museum d. Naturgesch. zu Paris, 2: 353, 1803; Zoognosia, ed. 3, 1: 15, 19, 1813. Genotype *Platystomus dugong* (Gmelin) = *Trichechus dugon* Müller.

*Dugungus* Tiedemann, Zoologie, 1: 554, 1808, emendation.

*Halicore* Illiger, Prodromus Syst. Mamm. et Avium, p. 140, 1811. Genotype *Trichechus dugong* Gmelin = *Trichechus dugon* Müller.

*Dugongidus* Gray, London Medical Repos., 15: 309, 1 Apl. 1821. Genotype *Trichechus dugon* Müller.

DUGONG DUGON (P. L. S. Müller). Dugong.

*Trichechus* (sic) *dugon* P. L. S. Müller, Linné's Vollständigen Natursystems, Suppl., p. 21, 1776. "Vorgeburge der Guten Hofnung an, bis an die philippinischen Inseln."

*H[alicore] hemprichii* Ehrenberg, in Hemprich and Ehrenberg, Symbolæ Physiæ, Mamm., dec. 2, folio k, footnote, Sep. 1832. Barkan Island, Red Sea.

*H[alicore] lottum* Hemprich and Ehrenberg, Symbolæ Physiæ, Mamm., dec. 2, folio k, footnote, Sep. 1832. Hauakel Island, southern part of Red Sea.

*Halicore tabernaculi* Rüppell, Mus. Senckenburgianum, 1: 113, pl. 6, 1834. Red Sea, based on a skeleton found on Maxud Island.

*Halicore cetacea* Heuglin, Reise in Nordost-Afrika, 2: 135, 1877. Red Sea. The name is attributed by Heuglin to Illiger.

## Family TRICHECHIDÆ. Manatees

Review: Hatt, Robert T. The American Museum Congo Expedition manatee and other recent manatees. Bull. Amer. Mus. Nat. Hist., 66: 533-566, pl. 27 (exterior), 10 Sep. 1934.

## TRICHECHUS Linnæus

*Trichechus* Linnæus, Syst. Nat., ed. 10, 1: 34, 1758. Genotype *Trichechus manatus* Linnæus (see Opinion 112, Internat. Comm. on Zool. Nomenclature, Smithsonian Misc. Coll., 73: no. 6, p. 19, 8 June 1929).

*Manatus* Brünnich, Zoologiæ Fundamenta, pp. 34, 38, 1772. Genotype *Trichechus manatus* Linnæus.

*Oxystomus* G. Fischer, Das National Museum d. Naturgesch. zu Paris, 2: 353, 1803. Genotype *Trichechus manatus* Linnæus.

*Halipædisca* Gistel, Naturgesch. d. Thierreichs f. Höhere Schulen, p. 83, 1848. Genotype *Manatus americanus* Desmarest.

*TRICHECHUS SENEGALENSIS* Link. West African Manatee.

*Trichechus manatus a australis* Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 60, 1788 (in part). "Mari africano et americano." When, in 1800, Shaw restricted the name to the African manatee, the latter had already been named by Link.

*Trichechus senegalensis* Link, Beyträge z. Naturgesch., 1: sec. 2, p. 109, 1795. Senegal; based mainly on Buffon's account (Hist. Nat., 13: 431, 1765; suppl., 6: 403, 1782) after Adanson.

*Trichechus æquatorialis* Lacépède, Tableaux d. Mammifères, p. 17, 1799 (part), a nomen nudum.

*Manatus stroggylonurus* Bechstein, in Pennant's Allgemeine Uebersicht d. Vierfüssigen Thiere, 2: 732, 1800.

*Manatus sphærus* Illiger, Abhandl. K. Akad. Wiss., Berlin, for 1804-11, p. 79, 87, 1815.

*T[richechus] M[anatus] africanus* Oken, Lehrb. d. Naturgesch., 3: sect. 2, p. 688, 1816. Senegal.

*Manatus atlanticus* Oken, Allgemein. Naturgesch. f. alle Stände, 7: sect. 2, p. 1098, 1838, in part. Atlantic coast of South America, especially Antilles, Cayenne, Surinam.

*Manatus nasutus* Wyman, Proc. Boston Soc. Nat. Hist., 2: 199, footnote, Mar. 1847. Caracalla River, 20 miles east of Cape Palmas, Ivory Coast.

*Manatus vogelii* Owen, Edinburgh New Philos. Journ., (2) 4: 346, Oct. 1856. Benué River, northern Nigeria.

*Manatus owcni* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 367, Nov. 1860. Camma country, various localities named, about the mouth of the Gaboon River.

Range: West coast of Africa from Senegal to the Quanza River, Angola, following up the larger rivers where possible.

## Order ARTIODACTYLA. Even-toed Ungulates

## Section SUINA. Pigs and Hippos

## Family HIPPOPOTAMIDÆ. Hippopotami

## CHÆROPSIS Leidy. Pygmy Hippopotamus

*Chærodes* Leidy, Proc. Acad. Nat. Sci. Philadelphia, 6: 52, 1852, not of White, 1846. Genotype *Hippopotamus liberiensis* Morton.

*Diprotodon* Duvernoy, Compt. Rend. Acad. Sci. Paris, 29: 277, 1849, not of Owen, 1838. A subgenus of *Hippopotamus*, type *Hippopotamus liberiensis* Morton.

*Chæropsis* Leidy, Journ. Acad. Nat. Sci. Philadelphia, (2) 2: 213, pl. 21, Jan. 1853. Genotype *Hippopotamus liberiensis* Morton.

## CHÆROPSIS LIBERIENSIS (Morton)

*Hippopotamus minor* Morton, Proc. Acad. Nat. Sci. Philadelphia, 2: 14, 1844, not of Desmarest, 1822. St. Paul's River, Liberia.

*Hippopotamus (Tetraprotodon) liberiensis* Morton, Journ. Acad. Nat. Sci. Philadelphia, (2) 1: 232, pl. 32-34, Aug. 1849. Substitute for *Hippopotamus minor* Morton, not Desmarest, 1822.

Range: Liberia and adjacent parts of Sierra Leone.

## HIPPOPOTAMUS Linnæus

*Hippopotamus* Linnæus, Syst. Nat., ed. 10, 1: 74, 1758. Genotype *Hippopotamus amphibius* Linnæus.

## HIPPOPOTAMUS AMPHIBIUS AMPHIBIUS Linnæus. Northern Hippo

*Hippopotamus amphibius* Linnæus, Syst. Nat., ed. 10, 1: 74, 1758. Nile River, Egypt.

*Hippopotamus senegalensis* Desmoulins, Dictionnaire Class. d'Hist. Nat., 8: 220, 1826. Senegal. See Schwarz, E., Ann. Mag. Nat. Hist. (10) 14: 261, Aug. 1934.

*Hippopotamus abyssinicus* Lesson, Nouveau Tabl. Règne Anim., Mamm., p. 158, 1842, nomen nudum. Abyssinia.

*Hippopotamus typus* Duvernoy, Compt. Rend. Acad. Sci., Paris, 23: 650, 1846. Senegal to Abyssinia.

## HIPPOPOTAMUS AMPHIBIUS CAPENSIS Desmoulins. Cape Hippo

*Hippopotamus capensis* Desmoulins, Dictionnaire Class. d'Hist. Nat., 8: 222, 1825. Lower Berg River, western Cape of Good Hope. See Schwarz, E., Ann. Mag. Nat. Hist. (10) 14: 261, Aug. 1934.

*Hippopotamus australis* Duvernoy, Compt. Rend. Acad. Sci. Paris, 23: 650, 1846. Cape of Good Hope.

HIPPOTAMUS AMPHIBIUS CONSTRICTUS Miller. Angola Hippo

*Hippopotamus constrictus* Miller, Smithsonian Misc. Coll., 54: no. 7, p. 1, pl. 1-4, lower fig., 28 Mar. 1910. Angola.

*Hippopotamus constrictor* Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 99, July 1924; lapsus for *H. constrictus*.

HIPPOTAMUS AMPHIBIUS KIBOKO Heller

*Hippopotamus amphibius kiboko* Heller, Smithsonian Misc. Coll., 61: no. 22, p. 1, 26 Jan. 1914. Lake Naivasha, Kenya Colony.

HIPPOTAMUS AMPHIBIUS TSCHADENSIS Schwarz

*Hippopotamus amphibius tschadensis* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 31, Jan. 1914. Katana, Bornu, northern Nigeria.

## Family SUIDÆ. Pigs

### Subfamily SUINÆ

#### HYLOCHÆRUS Thomas. Giant Forest Pigs

*Hylochærus* Thomas, Nature (London), 70: 577, 13 Oct. 1904; Proc. Zool. Soc. London, 2: 193 pls. 14, 15, 18 Apl. 1905. Genotype *Hylochærus meinertzhageni* Thomas.

HYLOCHÆRUS MEINERTZHAGENI MEINERTZHAGENI Thomas

*Hylochærus meinertzhageni* Thomas, Nature (London), 70: 577, 13 Oct. 1904; Proc. Zool. Soc. London, 2: 193, pls. 14, 15, 18 Apl. 1905. Kakumega Forest, near Kaimosi, Kenya Colony (see Loveridge, A., in Allen, G. M., and Lawrence, B., Bull. Mus. Comp. Zool., 79: 109, Jan. 1936).

*Hylochærus ituriensis* Matschie, Ann. Mus. du Congo, Zool., (5=2) 1=2: pt. 1, p. 9, pl. 1-5, Oct. 1906. Upper Ituri Valley, eastern Congo Belge.

*Hylochærus gigliolii* Balducci, Publ. R. Ist. Stud. Super., Firenze, p. 1-15, 2 pls., 1909. Upper Congo.

HYLOCHÆRUS MEINERTZHAGENI IVORIENSIS Bouet and Neuville

*Hylochærus meinertzhageni* (sic) *ivoriensis* Bouet and Neuville, Revue Hist. Nat., Soc. Nat. d'Acclimat. France, 11: no. 9, p. 284, Sep. 1930. Bolobo, Liberia, and Georgetown, Ivory Coast, both on lower Cavalla River.



**HYLOCHÆRUS MEINERTZHAGENI RIMATOR** Thomas

*Hylochærus rimator* Thomas, Abstr. Proc. Zool. Soc. London, no. 25, p. 1, 23 Jan. 1906; Proc. Zool. Soc. London, 1: 2, text-f. 1, 7 June 1906. Ja River, Cameroons.

**HYLOCHÆRUS MEINERTZHAGENI SCHULZI** Zukowsky

*Hylochærus schulzi* Zukowsky, Arch. f. Naturgesch., 87: sect. A, pt. 1, p. 181 (text-f.), 189, Dec. 1921. Mutjek and Meru Mts., west of Kilimanjaro, Tanganyika Territory, 2000 m.

**PHACCHÆRUS F. Cuvier. Wart Hogs**

*Aper* Pallas, Miscellanea Zool., p. 16, pl. 2; pl. 4, f. 1, 2, 4, 1766. Genotype *Aper æthiopicus* Pallas.

Although *Aper* may be regarded as merely the masculine form of *Sus*, it is perhaps here used as a distinct generic term and as such would supersede *Phacochærus*.

*Phaco-chærus* G. Cuvier, Règne Animal, ed. 1, 1: 236, footnote, 1817. Genotype *Sus æthiopicus* Gmelin = *Aper æthiopicus* Pallas.

*Eureodon* G. Fischer, Mém. Soc. Imp. des Nat. Moscou, 5: 373, 1817. Genotype *Sus æthiopicus* Gmelin.

This name should be used in preference to *Phacochærus* according to M. W. Lyon, Jr. (Proc. Biol. Soc. Washington, 28: 141, 29 June 1915).

*Phascchæres* Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördlich. Afrika, Säugeth., p. 61, 1826, variant.

*Dinochærus* Gloger, Hand- u. Hilfsbuch d. Naturgesch., 1: xxxii, 131, 1841. Genotype *Aper æthiopicus* Pallas.

*Macrocephalus* Elliot, Publ. Field Mus. Nat. Hist., zool., 8: 32, 1907, ex Frisch, Das Natur-System Vierfüss. Thiere, in Tabellen, p. 3, 1775 (Frisch's names are not available, since he is not consistently binomial). Genotype *Aper æthiopicus* Pallas.

For review of characters, see Lönnberg, E., Remarks on some wart-hog skulls in the British Museum. Proc. Zool. Soc. London, for 1908, p. 936-940, 8 Apl. 1909.

In addition to the living forms described, a number of subfossil fragments probably of no great age, have lately been named from South Africa.

**PHACCHÆRUS ÆTHIOPICUS ÆTHIOPICUS** (Pallas). Cape Wart Hog

*Aper æthiopicus* Pallas, Spicilegia Zool., pt. 2, p. 2, pl. 1, 1767. South Africa, Cape of Good Hope.

*Phacochærus edentatus* I. Geoffroy, Dictionnaire Classique d'Hist. Nat., 13: 320, 1828. Cape of Good Hope.

*Phascocharus* (sic) *typicus* A. Smith, South African Quart. Journ., 2: 178, 1834. Interior of Cape Colony.

*Phascocharus pallasii* Van der Hoeven, Nova Acta Acad. Cæs. Leop.-Carol., Breslau & Bonn, 19: 173, 1839. Cape of Good Hope.

PHASCOCHÆRUS ÆTHIOPICUS ÆLIANI (Cretzschmar)

*Phascochæres æliani* Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördlich. Afrika, Säugeth., p. 61, pl. 25, 26, 1826. Abyssinia, eastern slopes, and Kordofan.

*Phascocharus haroia* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio oo, pl. 20, Nov. 1832. Arkiko, Eritrea.

*P[hascocharus] sclateri* Gray, Ann. Mag. Nat. Hist. (4) 6: 189, 263, Aug. 1870. Zoulla, Red Sea Coast. (Based on Selater's account in Proc. Zool. Soc. London, p. 276, pl. 20 (col.), text-f., Sep. 1869.)

*Phascocharus massaicus* Lönnberg, Wiss. Ergebn. d. Schwedischen Zool. Exped. nach Kilimandjaro u. Leitung v. Sjöstedt, 2: Mamm., p. 54-55, 1908. Tanganyika Territory (olim "German East Africa"); probably Kilimanjaro-Meru region.

Made a synonym of *P. æthiopicus æliani* by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 51, 1924).

PHASCOCHÆRUS ÆTHIOPICUS AFRICANUS (Gmelin). Western Wart Hog

*Sus africanus* Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 220, 1788. Cape Verde, Senegambia, (to Cape of Good Hope).

*Phascocharus incisivus* I. Geoffroy, Dictionnaire Class. d'Hist. Nat., 13: 321, 1828. Cape Verde.

PHASCOCHÆRUS ÆTHIOPICUS BARKERI Rothschild

*Phascocharus barkeri* Rothschild, Ann. Mag. Nat. Hist. (9) 6: 416, Oct. 1920. Southwest of Bahr-el-Ghazal, Anglo-Egyptian Sudan.

PHASCOCHÆRUS ÆTHIOPICUS BUFO Heller

*Phascocharus africanus bufo* Heller, Smithsonian Misc. Coll., 61: no. 22, p. 2, 26 Jan. 1914. Rhino Camp, Lado Enclave.

PHASCOCHÆRUS ÆTHIOPICUS CENTRALIS Lönnberg

*Phascocharus africanus centralis* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 102, 1 Sep. 1917. Lake Albert Edward, Congo Belge.

PHASCOCHÆRUS ÆTHIOPICUS DELAMEREI Lönnberg

*Phascocharus delamerei* Lönnberg, Proc. Zool. Soc. London, for 1908, p. 940, 8 Apl. 1909. Northern Somaliland (see Lydekker, R., Cat. Ungulate Mamm. Brit. Mus., 4: 371, 1915).

*PHACOCOERUS ÆTHIOPICUS FOSSOR* Schwarz

*Phacochærus æthiopicus fossor* Schwarz, Ann. Mag. Nat. Hist. (8) 11: 265, Feb. 1913. Ketekma, east of Tschekna, Bagirmi, French Equatorial Africa.

*PHACOCOERUS ÆTHIOPICUS SHORTRIDGEI* St. Leger

*Phacochærus æthiopicus shortridgei* St. Leger, Ann. Mag. Nat. Hist. (10) 10: 86, July 1932. Numkaub, Grootfontein district, Southwest Africa.

*PHACOCOERUS ÆTHIOPICUS SUNDEVALLII* Lönnberg

*Phacochærus sundevallii* Lönnberg, Wiss. Ergebn. d. Schwedischen Zool. Exped. nach Kilimandjaro u. Leitung v. Sjöstedt, 2: Mamm., p. 54, 1908. Natal.

## POTAMOCHÆRUS Gray. Red River Hogs or Bush Pigs

*Potamochoerus* Gray, Proc. Zool. Soc. London, for 1852, p. 129, pl. 34, 27 June 1854. Genotype *Choiropotamus pictus* Gray.

For use of *Potamochoerus*, see Schwarz, E., Der Gattungsname der afrikanischen Flussschweine, Zeitschr. f. Säugetierkunde, 8: 284, 20 Dec. 1933.

*Choiropotamus* Gray, List. Mamm. Brit. Mus., p. 185, 13 May 1843. Genotype *Sus africanus* Schreber = *Sus koiropotamus* Desmoulins. Name preoccupied by *Chæropotamus* Desmarest, 1822, for a genus of extinct ungulates from France.

*Koiropotamus* Gray, List Spec. Mamm. Brit. Mus., p. xxvii, 13 May 1843. Based on *Sus africanus* Schreber, not Gmelin, = *Sus koiropotamus* Desmoulins.

According to Palmer, No. Amer. Fauna, no. 23, p. 358, 1904, this is a nomen nudum, but Hollister, Proc. Biol. Soc. Washington, 34: 77, 31 Mar. 1921, regards it as a valid name for the genus. Since both *Choiropotamus* and *Koiropotamus* are from the same words as *Chæropotamus*, it seems best to accept the better-known *Potamochoerus*.

*Nyctochærus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 30: suppl. to sect. 2, p. 7, 1863. Genotype *Nyctochærus hassama* Heuglin.

See Lönnberg, E. Contributions to the knowledge of the genus *Potamochoerus*. Arkiv f. Zool., 7: no. 6, p. 1-40, 5 text-f., 28 Nov. 1910.

de Beaux, Oscar. Beitrag zur Kenntnis der Gattung *Potamochoerus* Gray (= *Choiropotamus* Gray, 1843. Thomas), in Proc. Biol. Soc. Washington, vol. 34, 1921, p. 135; Zool. Jahrb., Syst., 47: 379-503, pl. 4-6, 3 text-f., 25 June 1924.

*POTAMOCHÆRUS LARVATUS LARVATUS* (F. Cuvier)

*Sus larvatus* F. Cuvier, Mém. Mus. d'Hist. Nat. Paris, 8: 447, pl. 22, 1822. Madagascar.

*Phacocharus koiropotamus* Lesson, Nouv. Tabl. Règne Anim., Mamm., p. 162, 1842. Madagascar.

*Sus madagascariensis* A. Grandidier, Revue et Mag. de Zool. (2), 19: 85, Mar. 1867. West coast of Madagascar.

*Potamocharus edwardsi* A. Grandidier, Revue et Mag. de Zool. (2), 19: 318, Sep. 1867. Morondava, southwest coast of Madagascar.

*Choirepotamus africanus* Gray, List Spec. Mamm. Brit. Mus., p. 185, 13 May 1843, in part.

POTAMOCHÆRUS LARVATUS HOVA Lönnberg

*Potamocharus larvatus hova* Lönnberg, Arkiv f. Zool., 7: no. 6, p. 32, 28 Nov. 1910. Ampitambe, eastern Madagascar.

POTAMOCHÆRUS PORCUS PORCUS (Linnæus)

*Sus porcus* Linnæus, Syst. Nat., ed. 10, 1: 50, 1758. Guinea, West Africa, based on Marcgrave's *Porcus guineensis*.

*Sus penicillatus* Schinz, Monogr. Säugeth., pt. 10, p. 12, 1848.

POTAMOCHÆRUS PORCUS ALBIFRONS Du Chaillu

*Potamocharus albifrons* Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 301, July 1860. Between Cape Lopez and Cape St. Catherine, and headwaters of Fernand-Vaz River.

*Potamocharus porcus albifrons* Lönnberg, Arkiv f. Zool., 7: no. 6, p. 11, 28 Nov. 1910.

POTAMOCHÆRUS PORCUS ALBINUCHALIS Lönnberg

*Potamocharus porcus albinuchalis* Lönnberg, Revue Zool. Africaine, 7: 245, 30 Dec. 1919. Lake Léopold II, Congo Belge.

POTAMOCHÆRUS PORCUS ARRHENII Lönnberg

*Potamocharus intermedius arrhenii* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 104, text-f. 10-11, 1 Sep. 1917. Rutshuru, eastern Congo Belge.

POTAMOCHÆRUS PORCUS CONGICUS Lönnberg

*Potamocharus porcus congicus* Lönnberg, Arkiv f. Zool., 7: no. 6, p. 14, text-f. 2, 28 Nov. 1910. Mukimbungu, Lower Congo, Congo Belge.

POTAMOCHÆRUS PORCUS COTTONI Pinfold

*Potamocharus charopotamus cottoni* Pinfold, Ann. Mag. Nat. Hist. (10) 2: 99, July 1928. Tunda, Quanza district, Angola.

POTAMOCHÆRUS PORCUS DÆMONIS Major

*Potamocharus charopotamus dæmonis* Major, Proc. Zool. Soc. London, p. 367, pl. 25, f. 1; pl. 26, f. 3, 1 Aug. 1897. Kilimanjaro, Tanganyika Territory.

## POTAMOCHÆRUS PORCUS HASSAMA (Heuglin)

*Nyctochærus hassama* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 30: no. 2, suppl., p. 7, 1863. Abyssinia.

## POTAMOCHÆRUS PORCUS INTERMEDIUS Lönnberg

*Potamocharus intermedius* Lönnberg, Arkiv f. Zool., 7: no. 6, p. 38, 28 Nov. 1910. Victoria Nile, Uganda, 4000 ft.

The presence of this intermediate race breaks down Lönnberg's theory of a western and an eastern species of bush pig, so that all seem best regarded as races of *P. porcus* Linnæus.

## POTAMOCHÆRUS PORCUS JOHNSTONI Major

*Potamocharus johnstoni* Major, Proc. Zool. Soc. London, p. 367, pl. 25, f. 3; pl. 26, f. 1, 1 Aug. 1897. Ngarawi Valley, northwestern Nyasaland.

## POTAMOCHÆRUS PORCUS KENLE Lönnberg

*Potamocharus chæropotamus kenia* Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 66 Jan. 1912. Forests near Nairobi, Kenya Colony.

## POTAMOCHÆRUS PORCUS KOIROPOTAMUS (Desmoulins)

*Sus koiropotamus* Desmoulins, Dictionnaire Classique d'Hist. Nat., 17: 139, pl. 10, f. 2, 1831. Probably South Africa.

*Sus africanus* Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 220, 1788, in part. Cape Verde to Cape of Good Hope.

*Sus capensis* Gerrard, Cat. Bones of Mamm. Brit. Mus., p. 277, 1862, a nomen nudum. South Africa.

*Potamocharus chæropotamus* Major, Proc. Zool. Soc. London, p. 366, 1 Aug. 1897. Lydekker, Cat. Ungulate Mamm. Brit. Mus., 4: 350, 1915.

## POTAMOCHÆRUS PORCUS MASCHONA Lönnberg

*Potamocharus chæropotamus maschona* Lönnberg, Arkiv f. Zool., 7: no. 6, p. 20, 28 Nov. 1910. Mashonaland, northeastern Rhodesia.

## POTAMOCHÆRUS PORCUS MAWAMBICUS Lorenz

*Potamocharus porcus mawambicus* Lorenz, Ann. Nat. Hist. Mus. Wien, 36: 90, text-f. 1, Aug. 1923. Mawambi, Ituri district, eastern Congo Belge.

## POTAMOCHÆRUS PORCUS NYASÆ Major

*Potamocharus chæropotamus nyasæ* Major, Proc. Zool. Soc. London, p. 367, pl. 25, f. 3; pl. 26, f. 4, 1 Aug. 1897. Zomba, Nyasaland.

## POTAMOCHÆRUS PORCUS PICTUS (Gray)

*Choiropotamus pictus* Gray, Ann. Mag. Nat. Hist. (2) 10: 281, Oct. 1852. Cameroen River, Cameroons.

## POTAMOCHÆRUS PORCUS SOMALIENSIS de Beaux

*P[otamocharus] larvatus somaliensis* de Beaux, Zool. Jahrb., Syst., 47: 490, pl. 4, f. 3; pl. 6, f. 16, 25 June 1924. Bulu Burti, upper Webi Shebeli, Somaliland.

## POTAMOCHÆRUS PORCUS UBANGENSIS Lönnberg

*Potamochoerus porcus ubangensis* Lönnberg, Arkiv f. Zool., 7: no. 6, p. 10, 28 Nov. 1910. Ubangi, northern Congo Belge.

## SUS Linnæus. Common Pig; Wild Boar

- Sus* Linnæus, Syst. Nat., ed. 10, 1: 49, 1758. Genotype *Sus scrofa* Linnæus.  
*Centuriosus* Gray, Proc. Zool. Soc. London, p. 17, June 1862. As a subgenus of *Sus*, type *Sus pliociceps* Gray.  
*Gyrosus* Gerrard, ex Gray MS., Cat. Bones Mamm. Brit. Mus., p. 278, 10 Mar. 1862; Gray, Cat. Carniv., Pachyderm., and Edentate Mamm. Brit. Mus., p. 347, 1869. As a subgenus of *Sus*, type *Sus pliociceps* Gray.  
*Scrofa* Gray, Proc. Zool. Soc. London, p. 38, May 1868. Genotype *Sus domesticus* Brisson = *Sus scrofa* Linnæus.  
*Euhys* Gray, Cat. Carniv., Pachyderm., and Edentate Mamm. Brit. Mus., p. 339, 1869. As a subgenus of *Sus*, type *Sus barbatus* S. Müller.  
*Aulacochærus* Gray, Ann. Mag. Nat. Hist. (4) 11: 435, June 1873. Genotype *Sus vittatus* S. Müller.  
*Dasychærus* Gray, Ann. Mag. Nat. Hist. (4) 11: 435, June 1873. Genotype not designated; included *Sus verrucosus* Müller and *S. celebensis* Müller.  
*Sinisis* Heude, Mém. concern. Hist. Nat. de l'Empire Chinois, 2: pt. 2, p. 102, 1892. As a subgenus of *Sus*, type not designated, but term applied to the Chinese forms of *Sus scrofa*.

## SUS SCROFA ALGIRA Loche. Barbary Pig

- Sus scrofa* var. *barbarus* P. L. Sclater, Proc. Zool. Soc. London, p. 443, 1860. "Ex Afr. bor.," = ? Morocco. This is a nomen nudum.  
*Sus scrofa* var. *algira* Loche, Exploration Sci. de l'Algérie, Zool., Mammif., p. 59, 1867. Algeria, country of Beni Sliman.  
*Sus gambianus* Gray, Cat. Carniv., Pachyderm. and Edentate Mamm. Brit. Mus., p. 346, 1869. Gambia; a nomen nudum applied to the domestic pig.

## SUS SCROFA SAHARIENSIS Heim de Balsac

- Sus scrofa sahariensis* Heim de Balsac, Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 330 (brief description), 47, 95, 237 (mention), 1936; Bull. Soc. Zool. de France, 62: 333, 14 Aug. 1937 (formal description). Jebel Guettar, northwest of Ain Sefra, Algeria.

## SUS SCROFA SENNAARENSIS Gray

- Sus sennaarensis* Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Kl., 29: 365, 1858 (nomen nudum). Gray, Proc. Zool. Soc. London, p. 32, May 1868 (description). "Sennaar; Kordofan; Sudan."

Range: Formerly from Egypt to Sennaar and Kordofan; exterminated in the Nile Delta in the early '90's; persisted in Wadi Natron till about 1902, but restocked there with pigs from Hungary or Austrian Poland (see Flower, S. S., Proc. Zool. Soc. London, p. 442-443, 8 July 1932).



## Section TYLOPODA

## Family CAMELIDÆ

## CAMELUS Linnæus. Camels

*Camelus* Linnæus, Syst. Nat., ed. 10, 1: 65, 1758. Genotype *Camelus bactrianus* Linnæus (see Opinions of Intern. Comm. on Nomenclature, p. 37, 1910; notwithstanding that Palmer in 1904 designated *C. dromedarius* as type).

CAMELUS DROMEDARIUS Linnæus. One-humped Camel

*Camelus dromedarius* Linnæus, Syst. Nat., ed. 10, 1: 65, 1758. "Africa." Deserts of Libya and Arabia (see Thomas, O., Proc. Zool. Soc. London, p. 150, 22 Mar. 1911).

The camel has never been known from Africa in a wild state within historic times although reported as fossil in Algeria. For an account of its introduction by man into northeastern Africa, see Robinson, A. E., The extinct fauna of north-east Africa, Journ. Soc. for Preservation of the Fauna of the Empire, new ser., pt. 23, p. 43-48, Sep. 1934.

## Section TRAGULINA. Chevrotains

## Family TRAGULIDÆ

## HYEMOSCHUS Gray. Water Chevrotains

*Hyemoschus* Gray, Ann. Mag. Nat. Hist. (1) 16: 350, Nov. 1845. Genotype *Moschus aquaticus* Ogilby.

Variants: *Hyeomoschus* Turner, Proc. Zool. Soc. London, for 1849, p. 158, 1850; *Hyomoschus* Blyth, Proc. Zool. Soc. London, for 1864, p. 483, May 1865; *Hyæmoschus* Zittel, Handb. d. Palæontol., 4: pt. 2, p. 387, 1893.

On the use of this name instead of *Dorcatherium*, see Thomas, O., On the generic names applicable to the chevrotains (Tragulidæ), Ann. Mag. Nat. Hist. (8) 18: 72-73, July 1916.

*Dorcatherium* Kaup, Neues Jahrb. f. Mineral., p. 419, 1833; Descr. Ossem. Foss. Mamm. Mus. Darmstadt, no. 5, p. 91; Atlas, pl. 23, f. 1-16; 23 A; 23 B; 23 C, f. 1-7, 1839. Genotype *Dorcatherium nauti* Kaup (fossil, upper Miocene or lower Pliocene of Eppelsheim, Germany), in part, of Flower and Lydekker, and others.

HYEMOSCHUS AQUATICUS AQUATICUS (Ogilby)

*Moschus aquaticus* Ogilby, Proc. Zool. Soc. London, for 1840, p. 35, Jan. 1841. Sierra Leone.

*Dorcatherium aquaticum typicum* Lydekker, Proc. Zool. Soc. London, 1: 113, 7 June 1906.

**HYEMOSCHUS AQUATICUS BATESI** (Lydekker)

*D[orcatheirium] a[quaticum] batesi* Lydekker, Proc. Zool. Soc. London, 1: 113, 7 June 1906. Efulen, Cameroons.

**HYEMOSCHUS AQUATICUS COTTONI** (Lydekker)

*D[orcatheirium] a[quaticum] cottoni* Lydekker, Proc. Zool. Soc. London, 1: 113, 7 June 1906. Ituri Forest, eastern Congo Belge.

## Section PECORA

## Family CERVIDÆ. Deer

## CERVUS Linnæus. Red Deer

*Cervus* Linnæus, Syst. Nat., ed. 10, 1: 66, 1758. Genotype *Cervus elaphus* Linnæus.

*Elaphus* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 307, 1827.

Subgenus of *Cervus*, no type designated; included *Cervus elaphus*, *C. canadensis*, *C. occidentalis* and *C. wallichii*.

*Harana* Hodgson, Ann. Mag. Nat. Hist. (1) 1: 154, Apl. 1838. A subgenus of *Cervus*; type *Cervus wallichii*.

*Strongyloceros* Owen, Hist. Brit. Fossil Mamm. and Birds, p. 469, f. 193, 195, 1846. As a subgenus of *Cervus* for *C. spelæus* Owen and *C. elaphus* Linnæus.

## CERVUS ELAPHUS BARBARUS Bennett. Barbary Deer

*Cervus barbarus* Bennett, (List Animals in Gardens Zool. Soc. London, p. 31, 1837); in L. Fraser, Zool. Typica, pl. 13, (about 1846). North Africa.

*Cervus corsiniacus* Gervais, Ann. des Sci. Nat., zool., (3) 10: 206, 1848.

Range: Local, and now rare in parts of Tunis, and Algeria (? Senegambia, apud Lydekker).

## DAMA Hamilton Smith. Fallow Deer

*Dama* Hamilton Smith in Griffith's Cuvier, Animal Kingdom, 5: 306, 1827.

As a subgenus of *Cervus*, type *Cervus dama* Linnæus; raised to generic rank by Burnett (Quart. Journ. Sci., Lit. and Art, 28: 353, 1830).

*Platyceros* Wagner, Schreber's Säugethiere, Suppl., 4: 347, 1844. As a subgenus of *Cervus*; type *Cervus dama* Linnæus.

*Dactyloceros* Wagner, Schreber's Säugethiere, Suppl., 5: 352, 1855. As a subgenus of *Cervus*; type *Cervus dama* Linnæus.

## DAMA DAMA DAMA (Linnæus). Fallow Deer

*Cervus dama* Linnæus, Syst. Nat., ed. 10, 1: 67, 1758. No locality; based on captive deer in Sweden.

*Cervus platyceros* G. Cuvier, Tableau Élé. d'Hist. Nat. des Anim., p. 160, 1798.

"Notre pays," i.e., France.

*Cervus mauricus* F. Cuvier, Bull. des Sci., Soc. Philom., Paris, p. 82, 1816. No locality.

*Dama vulgaris* Jardine, Naturalist's Library, Mamm., 3: 152, pl. 7, 1835. Moldavia and Lithuania.

Range: Although attributed to Egypt on the basis of ancient Egyptian representations, these were probably made from introduced animals (see Dawson, W. R., Deer in ancient Egypt, Journ. Linn. Soc., London, zool., 39: 137-145, 14 text-f., 3 Oct. 1934). Rare in Algeria and Tunis, where probably introduced.

## Family GIRAFFIDAE. Giraffes

### GIRAFFA Brisson

*Giraffa* Brisson, Regnum Anim. in Classes IX Distrib., ed. 2, pp. 12, 37, 1762.

Genotype *Giraffa giraffa* Brisson = *Cervus camelopardalis* Linnæus.

*Camelopardalis* Schreber, Säugthiere, 5: 1139, pl. 255\*, 1784. Genotype *Camelopardalis giraffa* Schreber = *Cervus camelopardalis* Linnæus.

*Orasius* Oken, Lehrbuch d. Naturgesch., pt. 3, sect. 2, p. 744, 1816. Genotype *Cervus camelopardalis* Linnæus.

*Trachelotherium* Gistel, Naturgesch. d. Thierreichs f. Höhere Schulen, p. 81, 1848. New name for *Camelopardalis* Schreber. Genotype *Giraffa camelopardalis* (Linnæus).

Review: Lydekker, R. On the subspecies of *Giraffa camelopardalis*. Proc. Zool. Soc. London, 1: 202-227, text-f. 23-37, pl. 9-16, 9 June 1904.

GIRAFFA CAMELOPARDALIS CAMELOPARDALIS (Linnæus). Nubian Giraffe

*Cervus camelopardalis* Linnæus, Syst. Nat., ed. 10, 1: 66, 1758. "Æthiopia and Sennar," i.e., Cairo, Egypt, in captivity; assumed to be from the Abyssinian, or Kassala, side of Upper Nubia, Anglo-Egyptian Sudan.

*Camelopardalis giraffa* Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 181, 1788. Sennaar between upper Egypt and Ethiopia.

*Camelopardalis æthiopica* Ogilby, Proc. Zool. Soc. London, for 1836, p. 134, 27 June 1837. No locality.

GIRAFFA CAMELOPARDALIS ANGOLENSIS Lydekker. Angola Giraffe.

*Giraffa camelopardalis angolensis* Lydekker, Hutchinson's Animal Life, 2: 121, 1903; Proc. Zool. Soc. London, 1: 221, pl. 14 (col.), 9 June 1904. Cunene River, 150 miles southwest of Humbe, Angola.

GIRAFFA CAMELOPARDALIS ANTIQUORUM (Jardine). Kordofan Giraffe  
*Camelopardalis antiquorum* Jardine, Naturalist's Library, Mamm., 3: 187, pl. 21, 1835. "Senaar and Darfour," Anglo-Egyptian Sudan.

*Giraffa senaariensis* Trouessart, Cat. Mamm. Viv. Foss., new ed., pt. 4, p. 902, 1898. Name here credited to E. Geoffroy without further reference; it is evidently based on the account by I. Geoffroy, Ann. des Sci. Nat., (1) 11: 210-223, pl. 22, 1827, of a giraffe from south of Senaar, Anglo-Egyptian Sudan.

GIRAFFA CAMELOPARDALIS CAPENSIS (Lesson). Cape Giraffe  
*Camelopardalis capensis* Lesson, Nouv. Tabl. Règne Anim., Mammif., p. 168, 1842. Cape of Good Hope. (Based on account by Levaillant, Voyage, pl. 8, 9, 1789.)

*Giraffa camelopardalis australis* Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 518, 8 Dec. 1896. South Africa (by implication).

*Giraffa camelopardalis capensis* Lydekker, Proc. Zool. Soc. London, 1: 224, text-f. 36, pl. 16 (col.), 9 June 1904.

GIRAFFA CAMELOPARDALIS CONGOENSIS Lydekker. Congo Giraffe  
*Giraffa camelopardalis congoensis* Lydekker, Hutchinson's Animal Life, 2: 83, 1903; Proc. Zool. Soc. London, 1: 219, text-f. 33, 9 June 1904. Dungu, northeast of Uele district, Congo Belge, not Katanga as originally given (see Schouteden, H., Revue Zool. Africaine, 2: 134, 30 Sep. 1912).

Range: Uele region to the Lado.

GIRAFFA CAMELOPARDALIS COTTONI Lydekker  
*Giraffa camelopardalis cottoni* Lydekker, Proc. Zool. Soc. London, 1: 207, text-f. 25, pl. 15, f. 1, 9 June 1904. Koton plain, extreme south of the Topora (Doborsa) country, 3° 50' N., 34° 30' E., Uganda.

GIRAFFA CAMELOPARDALIS INFUMATA Noack  
*Giraffa infumata* Noack, Zool. Anzeiger, 33: 356, 18 Aug. 1908. Barotse, middle Zambesi region, Northern Rhodesia.  
*Giraffa camelopardalis thornicrofti* Lydekker, Nature (London), 87: 484, 12 Oct. 1911. Northeastern Rhodesia.

GIRAFFA CAMELOPARDALIS PERALTA Thomas. Nigerian Giraffe  
*G[iraffa] c[amelopardalis] peralta* Thomas, Proc. Zool. Soc. London, p. 40, 1 June 1898. Near Lokoja, junction of Niger and Benue Rivers, Nigeria, 7° N., 8° E.

GIRAFFA CAMELOPARDALIS ROTHSCILDI Lydekker  
*Giraffa camelopardalis rothschildi* Lydekker, Hutchinson's Animal Life, 2: 122, 1903; Proc. Zool. Soc. London, 1: 210, text-f. 26, 27, pls. 12, 13, 9 June 1904. Guas Ngishu plateau, east of Lake Baringo, Kenya Colony.

- GIRAFFA CAMELOPARDALIS TIPPELSKIRCHI Matschie. Kilimanjaro Giraffe  
*Giraffa tippelskirchi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 78, 1898.  
 Lake Eyassi, southeast of Victoria Nyanza, Tanganyika Territory.  
*Giraffa schillingsi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 79, 1898.  
 Taveta, Kenya Colony.  
*Giraffa camelopardalis tippelskirchi* Lydekker, Proc. Zool. Soc. London, 1: 214,  
 text-f. 28-32, 9 June 1904.

- GIRAFFA CAMELOPARDALIS WARDI Lydekker. Northern Transvaal Giraffe  
*Giraffa camelopardalis wardi* Lydekker, Proc. Zool. Soc. London, 1: 221, text-f.  
 34, 35, pl. 15, f. 2, 9 June 1904. Northern Transvaal.

- GIRAFFA RETICULATA De Winton. Reticulated Giraffe  
*Giraffa camelopardalis reticulata* De Winton, Ann. Mag. Nat. Hist. (7) 4: 212,  
 Sep. 1899. Lerotholi Mts., Kenya Colony.  
*Giraffa hagenbecki* Knottnerus-Meyer, Zool. Anzeiger, 35: 800, 21 June 1910.  
 Gallaland, southern Abyssinia.  
*Giraffa reticulata nigrescens* Lydekker, Nature (London), 87: 484, 12 Oct.  
 1911. Probably the district north of Mt. Kenya, Kenya Colony.

### OKAPIA Lankester. Okapi

- Okapia* Lankester, Nature (London), 64:24 7, 4 July 1901. Genotype *Okapia johnstoni* (Selater).  
*Ocapia* Lankester, Science, new ser., 14: 114, 19 July 1901, ("quoting London Times, June 18"); variant.

- OKAPIA JOHNSTONI (P. L. Selater). Okapi  
*Equus(?) johnstoni* P. L. Selater, Proc. Zool. Soc. London, 1: 50, text-f. 7, 1  
 June 1901. Mundala, Semliki forest, eastern Congo Belge.  
*Okapia tigrinum* Johnston, Cornish's Living Animals of the World, 1: 270, 1901.  
*Okapia johnstoni* Lankester, Nature (London), 64: 247, 4 July 1901; Trans.  
 Zool. Soc. London, 16: 279-314, pl. 30-32, 15 text-f., Aug. 1902; Mono-  
 graph of the okapi, atlas, 48 pls., 1910 (Brit. Mus). Semliki forest, Congo  
 Belge near Fort Mbeni.  
*Okapia eriksoni* Lankester, Ann. Mag. Nat. Hist. (7) 10: 417, Nov. 1902.  
 Semliki forest, Congo Belge.  
*Okapia liebrechtsi* Major, Proc. Zool. Soc. London, 2: 73, text-f. 7, Oct. 1902.  
 Mundalah, on road from Mawambi to Beni, Congo Belge.  
*Ocupia* (sic) *kibalensis* Gatti, Great Mother Forest, (privately printed), p.  
 295, plates, 1937. Southwest of Lake Albert, eastern Congo Belge.

On the supposed races and their identity, see Schouteden, H., Notes sur l'okapi, Revue Zool. Africaine, 2: 482-485, 30 May 1913.

## Family BOVIDÆ. Cattle, Antelope, Goats

## Subfamily ALCELAPHINÆ

## ALCELAPHUS Blainville. Hartebeests

*Alcelaphus* Blainville, Bull. des. Sci., Soc. Philom., Paris, p. 75, May 1816.

Genotype *Antilope bubalis* Pallas = *Antilope buselaphus* Pallas (see Thomas and Selater, Book of Antelopes, 1: pt. 1, pp. 5, 7, Aug. 1894).

*Bubalis* Goldfuss, Handbuch d. Zool., 2: 367, 1820. Genotype *Antilope buselaphus* Pallas. As usually quoted from Frisch, 1775, this name is not available since that author was non-binomial; nor is *Bubalis* Lichtenstein, 1814, valid (see Lyon, M. W., Jr., Proc. Biol. Soc. Washington, 27: 228, 29 Dec. 1914; Hollister, N., Proc. Biol. Soc. Washington, 34: 77, 31 Mar. 1921).

*Damalis* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 343, 1827.

Genotype not designated but taken as *Antilope buselaphus* Pallas.

*Acronotus* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 346, 1827.

As a subgenus of *Damalis*, type *Antilope buselaphus* Pallas.

*Bubalus* Ogilby, Proc. Zool. Soc. London, for 1836, p. 139, 27 June 1837, not of

A. Smith, 1827. Genotype *Bubalus mauritanicus* Ogilby = *Antilope bubalis* Pallas.

*Sigmoceros* Heller, Smithsonian Misc. Coll., 60: no. 8, p. 4, 2 Nov. 1912.

Genotype *Bubalis lichtensteini* Peters.

Review: Ruxton, A. E., and Schwarz, Ernst. On hybrid hartebeests and on the distribution of the *Alcelaphus buselaphus* group. Proc. Zool. Soc. London, p. 567-583, map, 3 graphs, 2 pls., 16 Oct. 1929.

Lydekker, R., and Blaine, Gilbert. Catalogue of the ungulate mammals in the British Museum (Natural History). Vol. 2, pp. 2-58, 1914.

ALCELAPHUS BUSELAPHUS BUSELAPHUS (Pallas). Bubal Hartebeest

*Antilope buselaphus* Pallas, Miscellanea Zool., p. 7, 1766. Probably Morocco.

*Antilope bubalis* Pallas, Spicilegia Zool., pt. 1, p. 12, 1767; pt. 12, p. 16, 1777.

"Africa . . . borealiori."

*Bubalus mauritanicus* Ogilby, Proc. Zool. Soc. London, for 1836, p. 139, 27 June 1837. No locality; a new name for *Antilope bubalis* Pallas.

*A[celaphus] bubalinus* Flower and Lydekker, Introduct. to Study of Mamm., p. 335, 1891.

*Boselaphus probubalis* Pomel, Carte Géol. Algérie, Paléont., Bosél., p. 27, pl. 4, f. 1-11, 14-15; pl. 5, f. 1; pl. 6, f. 1-13; pl. 7, f. 1-6; pl. 8, f. 1-9; pl. 9, f. 1-4; pl. 10, f. 1-5, 1894. Aboukir, Algeria.

*Boselaphus ambiguus* Pomel, Carte Géol. Algérie, Paléont., Bosél., p. 52, pl. 4, f. 12, 13; pl. 6, f. 14-19; pl. 8, f. 10-12; pl. 9, f. 5-7; pl. 10, f. 6-8, 1894. Ternifine, Algeria.



*Boselaphus saldensis* Pomel, Carte Géol. Algérie, Paléont., Bosél., p. 48, pl. 5, f. 3-19, 1894. Bougie, Algeria.

*Bubalis boselaphus* Trouessart, Cat. Mamm. Viv. Foss., new ed., 2: pt. 4, p. 905, 1898; emendation.

*Bubalis bubastis* Blaine, Ann. Mag. Nat. Hist. (8) 13: 335, Mar. 1914. Abadiyeh, near Kena, Egypt, from excavations.

Ruxton and Schwarz (Proc. Zool. Soc. London, p. 575, 16 Oct. 1929) show that this is synonymous with *A. buselaphus* (Pallas).

Range: Formerly the central part of eastern Morocco, at the east foot of the Great Atlas, in the region between high Muluya, the springs of Guir and the small streams that form the Uad Ziz, thence south to the South Oranés, between Géryville and Xott Tigri; at one time eastward probably to Egypt. Now nearly, or quite extinct (see Cabrera, 1932).

ALCELAPHUS BUSELAPHUS COKII Günther. Coke's Hartebeest

*Alcelaphus cokii* Günther, Ann. Mag. Nat. Hist. (5) 14: 426, text-f. 1, Dec. 1884. Mlali plains, east of Mpwapwa, Tanganyika Territory.

*Bubalis cookei* Noack, Sitzb. Ges. Naturf. Freunde, Berlin, pp. 94, 95, 1905; misspelling of *cokii*.

*Bubalis cokei sabakiensis* Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 10, p. 97, pl. 1, 1913; based on account and fig. in Wild und Hund, 16: 225, 1910. Athi plains, south of Nairobi, Kenya Colony.

*Bubalis cokei tanæ* Matschie and Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 10, p. 97, 1913; 80: sect. A, pt. 1, p. 167, upper fig., 1914. North of Nairobi, Tana Region, Kenya Colony.

*Bubalis cokei wembærensis* Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 10, p. 98, 1913; based on account in Wild und Hund, 16: 208, 1910. Wembaere plains, Lake Ushuto and Mkalamo, Tanganyika Territory.

*Bubalis cokei schillingsi* Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 10, p. 99, 1913; 80: sect. A, pt. 1, p. 167, lower fig., 1914. Ex Matschie in Schillings's "Mit Blitzlicht und Buchse," p. 384, 1910 (nomen nudum). Lake Jipe, southeast of Mt. Kilimanjaro, upper Pangani, Tanganyika Territory.

*Bubalis cokei schulzi* Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 9, p. 105, text-f. 104, 1914. Olossirva plateau, about 10 km. northeast of Ngorongoro crater, Tanganyika Territory, 2500 m.

*Bubalis oscari* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. —, pl. 6, f. 3, 4, 10 Sep. 1916. Gurui, Masai country, and between Kapalata and Saranda, Tanganyika Territory.

*B[ubalis] deckeni* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. —, pl. 8, f. 2, 10 Sep. 1916. Taveta plain, Kilimanjaro, Tanganyika Territory.

Range: Plains of Kenya Colony and Tanganyika Territory.

## ALCELAPHUS BUSELAPHUS INVADENS (Schwarz)

*Bubalis major invadens* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 33, Jan. 1914.  
Garua, Benue River, Adamana, Cameroons.

## ALCELAPHUS BUSELAPHUS JACKSONI (Thomas). Jackson's Hartebeest

*Bubalis jacksoni* Thomas, Ann. Mag. Nat. Hist. (6) 9: 386, May 1892. Between Lake Victoria and Lake Naivasha, Kenya Colony.

*Bubalis jacksoni insignis* Thomas, Abstract Proc. Zool. Soc. London, no. 6, p. 22, 26 Apl. 1904; Proc. Zool. Soc. London, 1: 455, 2 Aug. 1904. Maanja River, 30 miles west of Kampala, central Uganda.

## ALCELAPHUS BUSELAPHUS LELWEL (Heuglin). Lelwel Hartebeest; Heuglin's Hartebeest

*A[cronotus] lelwel* Heuglin, Reise in Nordost-Afrika, 2: 124, upper fig. on pl. facing same page, 1877. Req country, Jur, and Kosange River; type locality fixed as Jur River, Anglo-Egyptian Sudan (see Schwarz, Ergebn. d. Zweite Deutsch. Zentr. Afr. Exped., 1: 907, 1920; Ruxton and Schwarz, Proc. Zool. Soc. London, p. 577, 16 Oct. 1929).

*Bubalis niediecki* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 95, 1905. Jamboland, Gelo River, upper Sobat River, Abyssinia.

*Bubalis lelwel heuglini* Millais, Far Away up the Nile (London), p. 244, 1924. Substitute for *Acronotus lelwel* Heuglin, 1877.

## ALCELAPHUS BUSELAPHUS MAJOR (Blyth). Western Hartebeest

*Boselaphus major* Blyth, Proc. Zool. Soc. London, p. 52, text-f. 1, 1a, June 1869. "Received from the west coast of Africa."

*Alcelaphus bubalis* var. *tunisianus* Gray, Cat. Spec. Mamm. Brit. Mus., pt. 3, Ungulata Furcipes, p. 123, 1852. "Tunis."

*Bubalis luzarchei* G. Grandidier, Bull. Mus. d'Hist. Nat., Paris, 20: 316, 2 text-f., 1914. Nieri-Ko River, near junction with Gambia River, French Senegal.

Range: Upper Gambia and Upper Senegal, French Guinea, to ?Tunis.

## ALCELAPHUS BUSELAPHUS MATSCHIEI (Schwarz). Matschie's Hartebeest

*Bubalis major matschiei* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 34, Jan. 1914. District of Kpandu, western Togo, Gold Coast.

*Alcelaphus buselaphus matschiei* Ruxton and Schwarz, Proc. Zool. Soc. London, p. 576, 16 Oct. 1929.

## ALCELAPHUS BUSELAPHUS MODESTUS (Schwarz)

*Bubalis lelwel modestus* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 32, Jan. 1914. Bahr Keeta, northeast of Fort Archambault, Upper Shari district, French Equatorial Africa.

*Alcelaphus buselaphus modestus* Ruxton and Schwarz, Proc. Zool. Soc. London, p. 577, 16 Oct. 1929.

**ALCELAPHUS BUSELAPHUS ROOSEVELTI** (Heller). Roosevelt's Hartebeest  
*Bubalis lelwel roosevelti* Heller, Smithsonian Misc. Coll., 60: no. 8, p. 7, 2 Nov.  
1912. Gondokoro, Uganda.

**ALCELAPHUS BUSELAPHUS SWAYNEI** (P. L. Sclater). Swayne's Hartebeest  
*Bubalis swaynei* P. L. Sclater, Proc. Zool. Soc. London, p. 98, pl. 5, text-f. 1,  
June 1892. Haud, about 100 miles from Berbera, northern Somaliland  
(Swayne, Proc. Zool. Soc. London, p. 303, 1892).

*Bubalis noacki* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 93, 1905.  
Suksuki River, south of Lake Zwai, southern Abyssinia.

Range: Northern Somaliland and southern Abyssinia.

**ALCELAPHUS BUSELAPHUS TORA** (Gray). Tora Hartebeest  
*Alcephalus* (sic) *tora* Gray, Nature (London), 8: 364, 4 Sep. 1873; *Alcelaphus*  
*tora* Gray, Ann. Mag. Nat. Hist. (4) 12: 341, Oct. 1873. Dembelas, Bogos  
country, Abyssinia.

Range: Eritrea to Blue Nile, Anglo-Egyptian Sudan.

**ALCELAPHUS BUSELAPHUS TSCHADENSIS** (Schwarz)  
*Bubalis lelwel tschadensis* Schwarz, Ann. Mag. Nat. Hist. (8) 11: 265, Feb.  
1913. Ketekma, east of Tschekna, Bagirmi, French Equatorial Africa.

## HYBRIDS

While Lydekker and Blaine (1915) regard the *buselaphus* group as a species distinct from the *lelwel* group, Ruxton and Schwarz (1929) consider the races of both as subspecies of *Alcelaphus buselaphus*. The latter authors believe the following names are based on hybrids:

**ALCELAPHUS BUSELAPHUS JACKSONI** × **COKII**

*Bubalis cokei kongoni* Heller, Smithsonian Misc. Coll., 60: no. 8, p. 5, 2 Nov.  
1912. Loita Plains, Southern Guaso Nyiro, Kenya Colony.

*Bubalis cokei ritchiei* Ruxton, Ann. Mag. Nat. Hist. (9) 18: 215, Aug. 1926.  
Southern Uasin Gishu country, south of Kisii, west of Amala (Mara)  
River, and north of Magoro River, Kenya Colony.

*Bubalis lelwel kenia* Heller, Smithsonian Misc. Coll., 61: no. 17, p. 3, 21 Oct.  
1913. North Kenya plateau, 20 miles northeast of Nyeri, near Meru  
Road, Kenya Colony.

*Bubalis nakuræ* Heller, Smithsonian Misc. Coll., 60: no. 8, p. 6, 2 Nov. 1912.  
Nakuru, Rift Valley, Kenya Colony.

?**ALCELAPHUS BUSELAPHUS LELWEL** × **SWAYNEI**

*Bubalis rothschildi* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 94, 1905.  
Adoshebai Valley, 80 km. north of Lake Stephanie, Abyssinia.

**ALCELAPHUS BUSELAPHUS LELWEL** × **TORA**

*Bubalis neumanni* Rothschild, Ann. Mag. Nat. Hist. (6) 20: 376, Oct. 1897.  
East shore and northeast of Lake Rudolf, Abyssinia.

*Bubalis tora digglei* Rothschild, Ann. Mag. Nat. Hist. (8) 12: 576, Dec. 1913.  
Ofat River, near Keili, upper Blue Nile.

*Bubalis tora rahatensis* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 246,  
text-f. 2, Nov. 1906. Shunfar Ambu, western Abyssinia.

ALCELAPHUS CAAMA CAAMA (G. Cuvier). Cape or Red Hartebeest

*Antilope caama* G. Cuvier, Dictionnaire des Sci. Nat., 2: 242, 1816. Cape of  
Good Hope.

*Antilope koba* Erxleben, Syst. Regni Animalis, p. 293, 1777. Description and  
fig. mentioned are of *Alcelaphus caama*. "ad Senegal."

*Antilope senegalensis* G. Cuvier, Dictionnaire des Sci. Nat., 2: 235, 1816.  
Based on Pennant's Senegal Antelope, but the description and woodcut of  
head are of *Alcelaphus caama*. Senegal.

*Bubalis cama* Bryden, Great and Small Game of Africa, p. 133, 1899.

*Bubalis caama obscurus* Frechkop, Bull. Mus. Roy. d'Hist. Nat. Belg., Brux-  
elles, 13: no. 39, p. 11, 12, 22, pl. 1 (col.), text-f. 1, e, Oct. 1937. Locality  
unknown.

Range: Formerly from the Cape Town district north to the Limpopo River  
and the edge of the Kalahari Desert; now extinct.

ALCELAPHUS CAAMA EVALENSIS (Monard)

*Bubalis caama evalensis* Monard, Bull. Soc. Neuchâteloise des Sci. Nat.,  
Neuchâtel, 57: 64, figs. 9, 10, 1933. Evale, Angola.

ALCELAPHUS CAAMA SELBORNEI (Lydekker). Selborne's Hartebeest

*Bubalis caama selbornei* Lydekker, Abstract Proc. Zool. Soc. London, no. 119,  
p. 19, 15 Apl. 1913; Proc. Zool. Soc. London, p. 818, text-f. 135, 1 Sep.  
1913. Kimberley, where apparently imported from the Transvaal.

ALCELAPHUS LICHTENSTEINII LICHTENSTEINII (Peters). Lichtenstein's Harte-  
beest

*Antilope lichtensteinii* Peters, Reise nach Mossambique, Zool., Säugeth.,  
p. 190, pls. 43, 44, 1852. Tette, Mozambique.

*Bubalis leucopymnus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 137,  
1892. Ukami, Tanganyika Territory (see Matschie and Zukowsky,  
Sitzb. Ges. Naturf. Freunde, Berlin, p. 192, 30 Sep. 1916).

*Bubalis lichtensteini basengæ* Matschie and Zukowsky, Zool. Beobachter, 51:  
261, text-f., Sep. 1910; p. 377, Nov. 1910. Boundary between Shiré  
region and lower Loangwa region, Mozambique.

*Bubalis lichtensteini gombensis* Matschie and Zukowsky, Zool. Beobachter, 51:  
262, Sep. 1910. Kwa Kinga, Tabora district, Tanganyika Territory.

*Bubalis lichtensteini rukwæ* Matschie and Zukowsky, Zool. Beobachter, 51:  
259, text-f., Sep. 1910; Sitzb. Ges. Naturf. Freunde, Berlin, pl. 6, f. 5,  
30 Sep. 1916; for 1917, pl. 19, f. 7; pl. 20, f. 3, 5, p. 534, 538, 28 Feb.  
1918. Kinani, southern Tanganyika Territory.

*Bubalis lichtensteini shirensis* Matschie and Zukowsky, Zool. Beobachter, 51: 261, text-f., Sep. 1910; 51: 377, Nov. 1910; *Sigmoceros shirensis* Sitzb. Ges. Naturf. Freunde, Berlin, pp. 194, 201, 30 Sep. 1916. Boundary between Shiré and lower Loangwa regions, Mozambique.

*Bubalis lichtensteini ugale* Matschie and Zukowsky, Zool. Beobachter, 51: 262, Sep. 1910. Kwa Kinga, Tabora district, Tanganyika Territory.

*Bubalis lichtensteini ufipa* Matschie and Zukowsky, Zool. Beobachter, 51: 259, Sep. 1910. Kinani, southern Tanganyika Territory.

See Sitzb. Ges. Naturf. Freunde, Berlin, pl. 6, 1916; for 1917, pp. 534, 538, pl. 19, f. 1-4, 6; pl. 20, f. 2, 8, 28 Feb. 1918.

*Sigmoceros basengæ* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 201, pl. 5, f. 5; pl. 8, f. 5, 30 Sep. 1916. Between Senna and Tette, Zambesia.

[*Sigmoceros*] *heufferi* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 202, 30 Sep. 1916. Substitute name for *basengæ*, since that form does not occur at Basenga.

The status of the following is questionable:—

*Sigmoceros bangæ* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 206, pl. 7, f. 4, 30 Sep. 1916. Banga, southeast of Baunza, and north of Kafue River, Mozambique.

*Sigmoceros dieseneri* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 86, 30 Apl. 1925; figured as *S. gombensis* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, pl. 7, f. 3, 30 Sep. 1916. Rumosso, Runsewe, Tanganyika Territory.

*Sigmoceros frommi* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1917, p. 532, pl. 20, f. 7, 28 Feb. 1918. Malinga Mts., southwest of Lake Rukwa, Tanganyika Territory.

*Sigmoceros gendagendæ* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 119, pl. 7, f. 8, 30 Apl. 1925. Mt. Genda-Genda, Tanganyika Territory.

*Sigmoceros godonga* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 197, 30 Sep. 1916. Urema River, a branch of the Pungwe, Cheringoma district, Mozambique.

*Sigmoceros godwini* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 80, pl. 5, f. 1, 3, 30 Apl. 1925. Uschingo, Tanganyika Territory.

*Sigmoceros gorongozæ* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 196, 30 Sep. 1916. Northern Gorongoza district, 60 km. west of Urema River, Mozambique.

*Sigmoceros grotci* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 137, pl. 7, f. 1, 30 Apl. 1925. South of Newala on the Rovuma, Tanganyika Territory.



- Sigmoceros hennigi* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 129, pl. 7, f. 2, 5, 30 Apl. 1925. Hinterland of Kilwa, Tanganyika Territory.
- Sigmoceros inkulanondo* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 197, 30 Sep. 1916. "Unzeilas Reich", upper Sabi, southeastern Mashonaland, Rhodesia.
- Sigmoceros janenschi* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 122, pl. 6, f. 1, 2; pl. 7, f. 6, 30 Apl. 1925. Makangaga, between Matandu and Mawudji, Tanganyika Territory.
- Sigmoceros kangosa* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1917, p. 532, 28 Feb. 1918. Makjusa's Land, northwest end of Lake Nyasa, near Ipiana, Nyasaland.
- Sigmoceros konzi* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 203, pl. 7, f. 6, 30 Sep. 1916. North of the middle Kafue, 50 km. south of Broken Hill, northwestern Rhodesia.
- Sigmoceros lacrymalis* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 111, 30 Apl. 1925. Kangatta plains, Tanganyika Territory.
- Sigmoceros lademanni* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, pl. 5, f. 1, 30 Sep. 1916. Kisaki, Tanganyika Territory.
- Sigmoceros leupolti* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, pl. 7, f. 4, 30 Sep. 1916; for 1922, p. 94, 30 Apl. 1925. Sikonge, south of Tabora, Tanganyika Territory.
- Sigmoceros lindicus* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 132, pl. 7, f. 3, 30 Apl. 1925. Hinterland of Lindi, Tanganyika Territory.
- Sigmoceros münzneri* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1917, p. 542, pl. 19, f. 5; pl. 20, f. 1, 4, 28 Feb. 1918. Mbuga Mpimba, west of Panji, 7° 58' S., 31° 22' E., Tanganyika Territory.
- Sigmoceros niediecki* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 205, pl. 7, f. 2, 5, 30 Sep. 1916. Baunza, north of middle Kafue, 33 km. east of where the river turns east, north of Victoria Falls, Mozambique.
- Sigmoceros niedieckianus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 295, 15 Dec. 1916. New name for *Sigmoceros niediecki* Matschie and Zukowsky; not *Bubalis niediecki* Neumann, 1905.
- Sigmoceros petersi* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1917, p. 530, 28 Feb. 1918. Near Sena, Mozambique. Type figured in Peters, Reise nach Mossambique, Säugeth., pl. 44, 1852.
- Sigmoceros prittwitzi* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 96, pl. 5, f. 5, 30 Apl. 1925. Mijange district, 30 km. south of Itumba Qua Kiromo, Issaua-Kedete watershed, Kisigo drainage, Tanganyika Territory.



- Sigmoceros rendalli* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 80, 30 Apl. 1925. Kambwe, south end of Lake Nyasa, Nyasaland; name based on account by Rendall, in *Novitates Zool.*, 5: 214, 3 May 1898.
- Sigmoceros rowumæ* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 139, 30 Apl. 1925. Mt. Lisoju, upper Rovuma River, Tanganyika Territory.
- Sigmoceros saadanicus* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 116, 30 Apl. 1925. Mt. Gendagenda, Tanganyika Territory.
- Sigmoceros schmitti* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 98, pl. 6, f. 5, 6, 30 Apl. 1925. Probably the Mpawagga-Muhindo plains, Uhehe, Tanganyika Territory.
- Sigmoceros schustcri* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 113, 30 Apl. 1925. Ruimbi Pond, north of Kinamatine (= Kilimatinde), Tanganyika Territory.
- Sigmoceros senganus* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 200, pl. 6, f. 1, 2, 30 Sep. 1916. Mussenda Luz, on the Zambesi, between the Loangwa and Kebabassa Falls, Mozambique.
- [Sigmoceros] stierlingi* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. —, pl. 8, f. 7, 30 Sep. 1916; for 1922, p. 103, 30 Apl. 1925. Upper Ruaha River, Tanganyika Territory.
- Sigmoceros tendagurucus* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 127, pl. 7, f. 7, 30 Apl. 1925. Mehuya, near Kilwa, Tendaguru, Tanganyika Territory.
- Sigmoceros ulangæ* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 100, pl. 6, f. 3, 4, 30 Apl. 1925. Ulanga Plains, Tanganyika Territory.
- Sigmoceros ungonicus* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 134, 30 Apl. 1925. Ungoni, Tanganyika Territory.
- Sigmoceros ungoniensis* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 135, 30 Apl. 1925. Ungoni, Tanganyika Territory.
- Sigmoceros uwendensis* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1917, p. 545, pl. 20, f. 6, 28 Feb. 1918. Katjantia (Katjentje), north of Karema, near Lake Tanganyika, 6° 36' S., 30° 22' E., Tanganyika Territory.
- Sigmoceros wiesei* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 199, pl. 5, f. 6, 7, 30 Sep. 1916. West of Chifumbazi, on the Luia, tributary of the Kapotche, Mpeseni country, Rhodesia.
- Sigmoceros wintgensii* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 92, pl. 5, f. 4, 30 Apl. 1925. Southeast of Gombe River, Tanganyika Territory.

## CONNOCHÆTES Lichtenstein. Gnus

*Connochætes* Lichtenstein, Mag. d. Ges. Naturf. Freunde, Berlin, 6: 152, 165, 1814. As a subgenus of *Antilope*, type *Antilope gnu* Gmelin.

Also spelled *Connochates*, *Connochetes*.

*Cemas* Oken, Lehrbuch d. Naturgesch., pt. 3, zool., sect. 2, p. 727, 1816. As a subgenus of *Pecus*; type fixed as *Cemas gnu* Oken = *Bos gnou* Zimmermann, by P. L. Selater and Thomas (Book of Antelopes, 1: pt. 2, p. 93, 111, Jan. 1895).

*Catablepas* Gray, London Medical Repository, 15: 307, 1 Apl. 1821. Genotype *Antilope gnu* Gmelin.

*Catablepas* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 366, 1827. Genotype *Antilope gnu* Gmelin.

*Gorgon* Gray, Gleanings from Menagerie at Knowsley Hall, 2: 20, pl. 19, f. 2, 1850; Proc. Zool. Soc. London, for 1850, p. 139, 24 Feb. 1851; Cat. Ruminant Mamm. Brit. Mus., p. 43, 1872. As a subgenus of *Catablepas*; type *Antilope gorgon* Hamilton Smith = *Antilope taurina* Burchell.

Regarded by Heller (Smithsonian Misc. Coll., 61: no. 17, p. 2, 21 Oct. 1913) as a valid genus.

*Butragus* Gray (ex Blyth, MS.), Cat. Ruminant Mamm. Brit. Mus., p. 43, 1872. Genotype *Butragus corniculatus* Blyth, MS., = *Antilope taurinus* Burchell.

## CONNOCHÆTES ANTIQUUS Broom

*Connochætes antiquus* Broom, Ann. South African Mus., 12: 14, text-f. 2, 30 May 1913. Extinct; Haagenstad, about 30 miles north of Blœmfontein, Cape of Good Hope.

CONNOCHÆTES GNOU (Zimmermann). Black Wildebeest or White-tailed Gnu *Bos gnou* Zimmermann, Specimen Zoologiæ Geographicae, p. 372, 1777. Cape of Good Hope. See Allen, J. A., Bull. Amer. Mus. Nat. Hist., 16: 15, 1 Feb. 1902.

*Antilope capensis* Gatterer, Brev. Zool., 1: 80, 1780.

*Antilope gnu* Gmelin, Linnaeus's Syst. Nat., ed. 13, 1: pt. 1, p. 189, 1788. Great Namaqualand, Cape of Good Hope.

*C[atablepas] brooksii* Hamilton Smith in Griffith's Cuvier, Animal Kingdom, 5: 369, footnote, 1827. No locality, based on a horn of uncertain identity.

*Catablepas operculatus* Brookes, Cat. Brookes Mus., p. 64, 1828.

*Bos connochates* Forster, Descrip. Animalium, p. 392, 1844. Cape of Good Hope.

CONNOCHÆTES TAURINUS TAURINUS (Burchell). Brindled Gnu; Blue Wildebeest

*Antilope taurina* Burchell, Travels in Interior of South Africa, 2: 278, footnote, 1824. Bechuanaland.

*Catoblepas gorgon* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 371, pl., 1827; 5: 369, 1827. Interior of South Africa.

*Gorgon fasciatus* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 43, 1872. South Africa.

*Butragus corniculatus* Gray (ex Blyth MS.), Cat. Ruminant Mamm. Brit. Mus., p. 43, 1872. South Africa.

*Catoblepas reichei* Noack, Zool. Anzeiger, 16: 154, 1 May 1893. Limpopo, northern Transvaal.

CONNOCHÆTES TAURINUS ALBOJUBATUS Thomas. White-bearded Wildebeest  
*Connochætes taurinus albojubatus* Thomas, Ann. Mag. Nat. Hist. (6) 9: 388, May 1892. "Uganda" = Athi plains, Kenya Colony.

*Connochætes* (sic) *hecki* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 96, 1905. Tanganyika Territory, specimens described from Gurui.

*Gorgon albojubatus mearnsi* Heller, Smithsonian Misc. Coll., 61: no. 17, p. 1, 21 Oct. 1913. Loita plains, southern Kenya Colony.

*Connochætes* (sic) *albojubatus henrici* Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 12, p. 83, pl. 3, upper f.; pl. 4, 1913. Serengeti steppes, Tanganyika Territory.

*Connochætes* (sic) *albojubatus lorenzi* Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 12, p. 81, pl. 1, 1913. Ngorongoro crater, Tanganyika Territory.

*Connochætes* (sic) *albojubatus schulzi* Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 12, p. 82, pl. 2; pl. 3, lower f., 1913. Ngorongoro basin, Tanganyika Territory.

CONNOCHÆTES TAURINUS COOKSONI Blaine. Cookson's Wildebeest  
*Connochætes taurinus cooksoni* Blaine, Ann. Mag. Nat. Hist. (8) 13: 377, Mar. 1914. East bank of Loangwa River, northeastern Rhodesia.

CONNOCHÆTES TAURINUS JOHNSTONI P. L. Selater. Nyasa Wildebeest  
*Connochætes taurinus johnstoni* P. L. Selater, Proc. Zool. Soc. London, p. 606, pl. 28, Oct. 1896. Milanje plain, south end of Lake Chilwa, Nyasaland.  
*Connochætes taurinus* (vel *johnstoni*) *rufijianus* de Beaux, Zool. Anzeiger, 38: 579, text-f. 1, 2, 19 Dec. 1911. Rufigi valley, Tanganyika Territory.

CONNOCHÆTES TAURINUS MATTOSI Blaine. Angola Wildebeest  
*Connochætes taurinus mattosi* Blaine, Ann. Mag. Nat. Hist. (9) 15: 129, Jan. 1925. Cotypes from (1) Chiacusse, Huilla district, Cunene River; (2) Bamber River, a tributary of the Cunene; and (3) Chicoonga, northeast of Dongo, Angola.

*Connochætes taurinus borlei* Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 64, 1933. Angola, Rio Mbalé (female) and Chimpopo (male)—see *ibid.*, 54: 75-76, 1930.

## DAMALISCUS P. L. Selater and Thomas

*Damaliscus* P. L. Selater and Thomas, Book of Antelopes, 1: pt. 1, p. 3, 51, Aug. 1894. Genotype *Antilope pygarga* Pallas.

*Damalis* Gray, Ann. Mag. Nat. Hist. (1) 18: 233, Oct. 1846. Genotype *Damalis lunatus* (Burchell), see Selater and Thomas, Book of Antelopes 1: 51, Aug. 1894. Preoccupied by *Damalis* H. Smith.

*Beatragus* Heller, Smithsonian Misc. Coll., 60: no. 8, p. 8, 2 Nov. 1912. Genotype *Damaliscus hunteri* (P. L. Selater).

*Antilope*, *Alcelaphus*, *Bubalis*, *Capra*, *Cerophorus*, *Gazella*, in part of older authors.

*Antilopa* Blainville, in Gervais's Dictionnaire d. Sci. Nat., suppl. 1, pt. 2, p. 260, 1841. Emendation of *Antilope*.

## DAMALISCUS ALBIFRONS (Burchell). Blesbok

[*Antilope*] *albifrons* Burchell, Travels in Interior of South Africa, 2: 335, 1824. Northern Cape Colony (Lydekker and Blaine).

Range: Formerly South Africa to the northern plains of Cape Colony, Orange Free State, Transvaal, and Bechuanaland; now much restricted.

## DAMALISCUS HUNTERI (P. L. Selater). Hunter's Hartebeest or Hirola

*Cobus hunteri* P. L. Selater, Field (London), 73: 260, 23 Feb. 1889 (nomen nudum). "Eastern Africa." North side of Tana Valley, Jubaland, eastern Kenya Colony.

*Damalis hunteri* P. L. Selater, Proc. Zool. Soc. London, p. 58, 1 text-f., June 1889; p. 372, text-f. A-C, pl. 42 (col.), Oct. 1889. North side of Tana River, Kenya Colony.

Range: Jubaland.

## DAMALISCUS KORRIGUM KORRIGUM (Ogilby). Korrigum or Senegal Hartebeest

*Antilope senegalensis* Children, in Denham and Clapperton's Travels, append., p. 192, 1826. Plains of central Africa.

Not of Cuvier, 1804, which is a description of *Alcelaphus caama*. [*Antilope*] *korrigum* Ogilby, Proc. Zool. Soc. London, for 1836, p. 103, 20 Feb. 1837. Bornu, northern Nigeria.

*Damaliscus korrigum* H. C. V. Hunter, Great and Small Game of Africa, p. 166, 1899.

*Damaliscus koba* Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 40, 1914; not *Antilope koba* Erxleben, 1777, which is *Alcelaphus caama*.

## DAMALISCUS KORRIGUM EURUS Blaine

*Damaliscus korrigum eurus* Blaine, Ann. Mag. Nat. Hist. (8) 13: 335, Mar. 1914. Upper Ruaha River, Tanganyika Territory.

**DAMALISCUS KORRIGUM JIMELA** (Matschie). Topi

*Damalis jimela* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 135, 1892.

Unyamwesi, southeast of Lake Victoria, Tanganyika Territory.

*Bubalis jimeru* Lydekker, Horns and Hoofs, p. 203, 1893 (errorim).

*Damaliscus phalius* Cabrera, Proc. Zool. Soc. London, for 1910, p. 998, text-f. 149, 11 Jan. 1911. Guas Ngishu plateau, northwestern Kenya Colony.

**DAMALISCUS KORRIGUM LYRA** Schwarz

*Damaliscus koba lyra* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 34, Jan. 1914.

Ndioko, Gribingi River, upper Shari district, French Equatorial Africa.

**DAMALISCUS KORRIGUM PURPURESCENS** Blaine

*Damaliscus korrigum purpurescens* Blaine, Ann. Mag. Nat. Hist. (8) 13: 333, Mar. 1914. Ibi, Benue River, northern Nigeria.

**DAMALISCUS KORRIGUM SELOUSI** Lydekker. Selous's Topi

*Damaliscus korrigum selousi* Lydekker, Field (London), 110: 250, 10 Aug. 1907. Near Londiani plateau, Kenya Colony.

**DAMALISCUS KORRIGUM TIANG** (Heuglin). Tiang

*Bubalis koba* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 209, 1846; not *Antilope koba* Erxleben, 1777. Sennaar, Senegal.

*Damalis tiang* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 30: no. 2, p. 22, pl. 1, f. 1, a, b, 1863. Sobat Valley, Anglo-Egyptian Sudan.

*Damalis tiang-riel* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 30: no. 2, p. 23, pl. 2, f. 9, 1863. Bahr-el-Abiad, Anglo-Egyptian Sudan.

*Damaliscus korrigum jonesi* Lydekker, Field (London), 110: 250, 10 Aug. 1907. Kordofan.

Synonym of *Damaliscus koba tiang* according to Schwarz, Ann. Mag. Nat. Hist. (8) 13: 35, Jan. 1914.

*Damaliscus floweri* Matschie, Jahrbuch des Inst. f. Jagdkunde, 2: 168, 1913. Near Sherif Harrabulla, between Karkoj and Roseires, Blue Nile, Anglo-Egyptian Sudan.

**DAMALISCUS KORRIGUM TOPI** Blaine

*Damaliscus korrigum topi* Blaine, Ann. Mag. Nat. Hist. (8) 13: 333, Mar. 1914. Near Malindi, Kenya Colony.

**DAMALISCUS KORRIGUM UGANDÆ** Blaine

*Damaliscus korrigum ugandæ* Blaine, Ann. Mag. Nat. Hist. (8) 13: 334, Mar. 1914. Southwestern Ankole, Uganda.

DAMALISCUS LUNATUS LUNATUS (Burchell). Sassaby or Bastard Hartebeest  
*Antilope lunata* Burchell, Travels in Interior of South Africa, 2: 334, 2 text-  
figs., 1824. Bechuanaland.

Range: Southeastern Africa from north of the Orange River as far westward  
as Lake Ngami, north to northern Rhodesia.

DAMALISCUS LUNATUS RECLINIS Matschie

*Damaliscus lunatus reclinis* Matschie, Deutsche Jäger-Zeitung, 59: 119 (77 of  
reprint), 1912. Caprivi Peak, Southwest Africa.

DAMALISCUS PYGARGUS (Pallas). Bontebok

*Antilope dorcas* Pallas, Miscellanea Zool., p. 6, 1766, in part. No locality.

*Antilope pygargus* and *pygarga* Pallas, Spicilegium Zool., pt. 1, p. 10, 1767; pt. 12,  
p. 15, 1777. Cape of Good Hope implied.

*Antilope grisea* Boddart, Elenchus Animalium, p. 139, 1785. Cape of Good  
Hope.

*Capra scripta* Thunberg, Voyages au Japon, etc., 2: 47, 1796. Caffrérie.

*Antilope maculata* Thunberg, Mém. Acad. Sci. St. Pétersbourg, 3: 315, 1811.

*Antilope personata* Woods, Zool. Journ., 5: 2, pl. 1, 1829. Vicinity of the Cape  
of Good Hope.

Range: Formerly from Cape of Good Hope north to Orange River; now  
"existing only in a semi-domesticated condition on some farms in the  
Bredasdorp district of the Cape Province" (Haagner, 1920).

### Subfamily CEPHALOPHINÆ. Duikers

See: Lönnberg, E. Notes on the members of the genera "*Cephalophus*" and  
"*Sylvicapra*" in the Congo Museum. Revue Zool. Africaine, 7: 162-185, 1 Oct.  
1919.

Review: St. Leger, J. A key to the species and subspecies of the subgenus  
*Cephalophus*. Proc. Zool. Soc. London, p. 209-228, 16 Apl. 1936.

### CEPHALOPHIUS Hamilton Smith

*Cephalophus* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 344, 1827.

As a subgenus of *Antilope*, including ten species; type fixed as *Antilope*  
*silvicultrix* Afzelius (see P. L. Selater and Thomas, Book of Antelopes, 1:  
pt. 3, p. 121, May 1895).

*Philantomba* Blyth, in Cuvier's Animal Kingdom, p. 140, 1840. No type speci-  
fied.

*Cephalophora* Gray, Ann. Mag. Nat. Hist. (1) 10: 266, Dec. 1842. Genotype  
*Cephalophora coronata* Gray.



- Cephalophorus* Gray, Ann. Mag. Nat. Hist. (1) 10: 267, Dec. 1842. Genotype *Antilope ogilbyi* Waterhouse. Intended as an emendation of *Cephalophus*.
- Cephalolophus* Wagner, Schreber's Säugthiere, Suppl., 4: 445, 1844; emendation.
- Terpone* Gray, Proc. Zool. Soc. London, p. 592, Aug. 1871. Genotype *Cephalophus longiceps* Gray = *Antilope silvicultrix* Afzelius.
- Potamotragus* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 25, 1872. Genotype *Cephalophus melanoprymnus* Gray = *Antilope silvicultrix* Afzelius.
- Cephalopia* Knottnerus-Meyer, Arch. f. Naturgesch. 73: sect. A, pt. 1, p. 44, Jan. 1907. As a subgenus of *Cephalophus*; type not specified, but includes *C. ogilbyi* (Waterhouse) and *C. leucogastra* Gray.
- Cephalophella* Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 45, Jan. 1907. As a subgenus of *Cephalophus*; type *Cephalophus callipygus* Peters.
- Cephalophidium* Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 45, Jan. 1907. As a subgenus of *Cephalophus*; type *Cephalophus niger* Gray.
- Cephalophops* Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 46, Jan. 1907. As a subgenus of *Cephalophus*; type *Cephalophus dorsalis* Gray.
- Cephalophula* Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 46, Jan. 1907. As a subgenus of *Cephalophus*; type *Cephalophus doria* Ogilby.

### Subgenus CEPHALOPHUS Hamilton Smith

CEPHALOPHUS ADERSI Thomas. Zanzibar Duiker

*Cephalophus adersi* Thomas, Ann. Mag. Nat. Hist. (9) 2: 151, Aug. 1918.  
Island of Zanzibar.

CEPHALOPHUS CALLIPYGUS Peters. Peters's Duiker

*Cephalophus callipygus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 483,  
pl. 3, 4, 1876. Gaboon.

Range: Gaboon and Cameroons.

CEPHALOPHUS DORSALIS DORSALIS Gray. Bay Duiker

*Cephalophus dorsalis* Gray, Ann. Mag. Nat. Hist. (1) 18: 165, Sep. 1846.  
Sierra Leone.

*Cephalophus badius* Gray, Cat. Mamm. Brit. Mus., pt. 3, Ungulata Furcapeda,  
p. 84, 1852. Sierra Leone.

*Cephalophus breviceps* Gray, Proc. Zool. Soc. London, p. 202, pl. 20, Sep. 1866.  
"West coast of Africa."

*Cephalophus dorsalis*, subsp. *typicus* Thomas, Proc. Zool. Soc. London, p. 420,  
Oct. 1892.

CEPHALOPHUS DORSALIS ARRHENII Lönnberg. Arrhenius's Bay Duiker  
*Cephalophus castaneus arrhenii* Lönnberg, Kungl. Svenska Vet.-Akad. Handl.,  
 Stockholm, (2) 58: no. 2, p. 92, pl. 11, f. 3, 1 Sep. 1917. Beni, Congo Belge.

CEPHALOPHUS DORSALIS CASTANEUS Thomas

*Cephalophus dorsalis castaneus* Thomas, Proc. Zool. Soc. London, p. 421, Oct. 1892. Cameroons.

*Cephalophus dorsalis orientalis* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 34, Jan. 1914. Koloka, near Angu, Uele River, Congo Belge.

For comments on the possible invalidity of this race see Lönnberg, E., Revue Zool. Africaine, 7: 173, 1919; also St. Leger, J., Proc. Zool. Soc. London, p. 220, 16 Apl. 1936, who considers it the same as *C. d. castaneus* Thomas.

*Cephalophus dorsalis kuha* Lorenz, Ann. Naturhist. Mus. Wien, 36: 112, text-f. 7, Oct. 1923. Ukaiko, Ituri district, Congo Belge.

A synonym of *C. d. castaneus* according to St. Leger, Proc. Zool. Soc. London, p. 220, 16 Apl. 1936.

CEPHALOPHUS DORSALIS LEUCOCHILUS Jentink

*Cephalophus leucochilus* Jentink, Notes Leyden Mus., 23: 21, July 1901. Loango, Angola.

"Very probably" a race of *C. dorsalis* (fide Lydekker and Blaine).

*Cephalophus dorsalis leucochilus* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 493, May 1914.

CEPHALOPHUS HARVEYI HARVEYI Thomas. Harvey's Duiker

*Cephalophus* (sic) *harveyi* Thomas, Ann. Mag. Nat. Hist. (6) 11: 48, Jan. 1893.

Kilimanjaro district, Kaha forest, west of Taveta, Tanganyika Territory.

This is the oldest name applied to a member of the group in which St. Leger includes *weynsi* and related subspecies. The latter therefore should stand as subspecies of *harveyi* rather than of *weynsi*.

*Cephalophus harveyi kenixæ* Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 65, Jan. 1912; Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 48: no. 5, p. 150, 26 June 1912. Near Nairobi, Kenya Colony.

Identical with *C. h. harveyi* according to St. Leger (Proc. Zool. Soc. London, p. 218, 16 Apl. 1936).

CEPHALOPHUS HARVEYI BARBERTONI Kershaw

*Cephalophus barbertoni* Kershaw, Ann. Mag. Nat. Hist. (9) 11: 596, May 1923.

Mt. Elgon, northeast of Lake Victoria, Kenya Colony, 7-8000 ft.

*Cephalophus weynsi barbertoni* St. Leger, Proc. Zool. Soc. London, p. 217, 16 Apl. 1936.

CEPHALOPHUS HARVEYI BOTTEGOI de Beaux

*Cephalophus harveyi bottegoi* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 63: 6, July 1924. Gourar Ganana, Italian Somaliland.

## CEPHALOPHUS HARVEYI IGNIFER Thomas

*Cephalophus ignifer* Thomas, Proc. Zool. Soc. London, 1: 226, Aug. 1903.  
Eldoma Ravine, Kenya Colony.

*Cephalophus weynsi ignifer* St. Leger, Proc. Zool. Soc. London, p. 218, 16 Apl. 1936.

## CEPHALOPHUS HARVEYI RUTSHURICUS Lönnberg

*Cephalophus weynsi rutshuricus* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 86, pl. 10, f. 2, 1 Sep. 1917. Kabwe, eastern Congo Belge.

## CEPHALOPHUS HARVEYI WEYNSI Thomas. Weyns's Duiker

*Cephalophus weynsi* Thomas, Ann. Mus. Congo, Zool., 2: pt. 1, p. 15, pl. 6, Aug. 1901. Near Stanley Falls, Congo Belge.

In her review of *Cephalophus*, Miss St. Leger makes various described forms related to *weynsi* subspecies of it, but the form *harveyi* was first described and hence becomes the typical subspecies.

*Cephalophus johnstoni* Thomas, Proc. Zool. Soc. London, 2: 89, 1 Oct. 1901. Toro district, east of Mt. Ruwenzori, Uganda.

A synonym of *C. h. weynsi* according to St. Leger (Proc. Zool. Soc. London, p. 216, 16 Apl. 1936).

*Cephalophus centralis* M. de Rothschild and Neuville, Compt. Rend. Acad. Sci. Paris, 144: 217, 1907. Ituri valley, eastern Congo Belge.

A synonym of *C. h. weynsi* according to St. Leger (Proc. Zool. Soc. London, p. 216, 16 Apl. 1936).

*Cephalophus leopoldi* M. de Rothschild and Neuville, Compt. Rend. Acad. Sci. Paris, 143: 1257, 1906 (? = 1907). Ituri valley, near Irumu, eastern Congo Belge.

A synonym of *C. h. weynsi* according to St. Leger (Proc. Zool. Soc. London, p. 216, 16 Apl. 1936).

Range: From lower Uele (Bambili) and the Ituri Forest (Beni) south to the Stanleyville district and vicinity of Lake Léopold II, Congo Belge (see Lönnberg, E., Revue Zool. Africaine, 7: 164, 1 Oct. 1919, for comments).

## CEPHALOPHUS JENTINKI Thomas. Jentink's Duiker

*Antelope (Terpone) longiceps* Jentink, Notes Leyden Mus., 7: 272, pl. 10, Oct. 1885, not *Cephalophus longiceps* Gray. Liberia.

*Cephalophus jentinki* Thomas, Proc. Zool. Soc. London, p. 417, Oct. 1892. Liberia.

Range: Apparently confined to Liberia.

## CEPHALOPHUS LEUCOGASTER Gray. Gaboon Duiker

*Cephalophus leucogaster* Gray, Ann. Mag. Nat. Hist. (4) 12: 43, July 1873. Gaboon.

*Cephalophus leucogaster seke* Lorenz, Ann. Naturhist. Mus. Wien, 36: 104, text-f. 5, 8, Oct. 1923. Mawambi and Ukaika, Ituri district, Congo Belge.

Identical with typical race according to St. Leger, J., Proc. Zool. Soc. London, p. 222, 16 Apl. 1936.

CEPHALOPHUS NATALENSIS NATALENSIS A. Smith. Red or Natal Duiker

*Cephalophus natalensis* A. Smith, South African Quart. Journ., 2: 217, 1834; Illustr. Zool. South Africa, Mamm., pl. 32 and text, Jan. 1841. Port Natal, Natal.

CEPHALOPHUS NATALENSIS AMENUS Wroughton

*Cephalophus natalensis amenus* Wroughton, Ann. Mag. Nat. Hist. (8) 8: 277, 278, Aug. 1911. Legogot, Transvaal.

CEPHALOPHUS NATALENSIS BRADSHAWI Wroughton. Bradshaw's Duiker

*Cephalophus natalensis bradshawi* Wroughton, Ann. Mag. Nat. Hist. (8) 8: 277, 279, Aug. 1911. Chiromo, Shiré valley, Nyasaland.

May be merely a melanistic form of *C. natalensis walkeri* Thomas (St. Leger, J., Proc. Zool. Soc. London, p. 219, 16 Apl. 1936).

CEPHALOPHUS NATALENSIS LEBOMBO Roberts

*Cephalophus natalensis lebombo* Roberts, Ann. Transvaal Mus., 18: 248, 21 Feb. 1936. Mkusi River, near Ubombo, Mozambique.

CEPHALOPHUS NATALENSIS ROBERTSI W. Rothschild. Roberts's Duiker

*Cephalophus robertsi* W. Rothschild, Proc. Zool. Soc. London, p. 691, 10 Oct. 1906. Mozambique.

*Cephalophus natalensis vassei* Trouessart, Bull. Mus. d'Hist. Nat., Paris, p. 445, 1906. Guenguère, Mozambique.

Synonym of *robertsi* (see Wroughton, Ann. Mag. Nat. Hist. (8) 8: 277, Aug. 1911).

CEPHALOPHUS NATALENSIS WALKERI Thomas

*Cephalophus walkeri* Thomas, Abstract Proc. Zool. Soc. London, no. 31, p. 1, 8 May 1906; Proc. Zool. Soc. London, p. 464, pl. 35, 10 Oct. 1906. Tuchia River, about 25 miles from Blantyre, Nyasaland.

*Cephalophus natalensis walkeri* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 493, May 1914.

CEPHALOPHUS NIGER Gray. Black Duiker

*Cephalophus niger* Gray, Ann. Mag. Nat. Hist. (1) 18: 165, Sep. 1846. Guinea. *Antilope pluto* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 214, 1853.

Guinea coast, especially near Chama and Dabocrom.

CEPHALOPHUS NIGRIFRONS NIGRIFRONS Gray. Black-fronted Duiker

*Cephalophus nigrifrons* Gray, Proc. Zool. Soc. London, p. 598, pl. 46, text-f. 6, Aug. 1871. Gaboon.

*Cephalophus aureus* Gray, Ann. Mag. Nat. Hist. (4) 12: 42, July 1873. Gaboon.

*Cephalophus emini* Noack, Zool. Anzeiger, 27: 405, 22 Mar. 1904. Probably from west of Lake Victoria, beyond Bukoba, east-central Africa.

Based on a headless skin; regarded as a synonym of *C. nigrifrons* by St. Leger (Proc. Zool. Soc. London, p. 211, 16 Apl. 1936).

*Cephalophus claudi* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 386, May 1907. Bambili, Uele River, Congo Belge.

A subspecies of *C. nigrifrons* (fide Lydekker and Blaine), and so accepted by Lönnberg (Revue Zool. Africaine, 7: 167, 1919), but by St. Leger made a synonym of *nigrifrons*.

*Cephalophus claudi mixtus* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, 58: no. 2, p. 89, pl. 10, f. 3, 1 Sep. 1917. Beni, Congo Belge.

*Cephalophus nigrifrons lusumbi* Lönnberg, Revue Zool. Africaine, 7: 168, 1 Oct. 1919. Kinda, Luhua district, western Katanga, Congo Belge.

*Cephalophus nigrifrons apanbanga* Lorenz-Liburnau, Ann. Naturhist. Mus. Wien, 36: 108, text-f. 6, Oct. 1923. Ukaika, Ituri district, Congo Belge.

A synonym of *C. nigrifrons* according to St. Leger (Proc. Zool. Soc. London, p. 211, 16 Apl. 1936).

CEPHALOPHUS NIGRIFRONS FOSTERI St. Leger. Foster's Black-fronted Duiker

*Cephalophus fosteri* St. Leger, Ann. Mag. Nat. Hist. (10) 14: 383, Sep. 1934. Mt. Elgon, Kenya Colony, 9300 ft.

*Cephalophus nigrifrons fosteri* St. Leger, Proc. Zool. Soc. London, p. 214, 16 Apl. 1936.

CEPHALOPHUS NIGRIFRONS HOOKI St. Leger. Hook's Black-fronted Duiker

*Cephalophus hooki* St. Leger, Ann. Mag. Nat. Hist. (10) 14: 384, Sep. 1934. Southwest face of Mt. Kenya, Kenya Colony, 8500-10,000 ft.

*Cephalophus nigrifrons hooki* St. Leger, Proc. Zool. Soc. London, p. 214, 16 Apl. 1936.

For Mr. Raymond Hook.

CEPHALOPHUS NIGRIFRONS KIVUENSIS Lönnberg. Kivu Black-fronted Duiker

*Cephalophus nigrifrons kivuensis* Lönnberg, Revue Zool. Africaine, 7: 165, 1 Oct. 1919. Lake Kivu region, Congo Belge.

CEPHALOPHUS NIGRIFRONS RUBIDUS Thomas

*Cephalophus rubidus* Thomas, Proc. Zool. Soc. London, 2: 89, 1 Oct. 1901. "Ruwenzori district."

*Cephalophus nigrifrons rubidus* St. Leger, Proc. Zool. Soc. London, p. 213, 16 Apl. 1936.

## CEPHALOPHUS OGILBYI OGILBYI (Waterhouse). Ogilby's Duiker

*Antilope ogilbyi* Waterhouse, Proc. Zool. Soc. London, p. 60, 1838. Island of Fernando Po.

*Cephalophus ogilbii* Gray, Ann. Mag. Nat. Hist. (1) 18: 165, Sep. 1846.

## CEPHALOPHUS OGILBYI BROOKEI Thomas. Brooke's Duiker

*Cephalophus brookei* Thomas, Ann. Mag. Nat. Hist. (7) 11: 290, Mar. 1903. Fanti, Gold Coast.

The "mainland representative of *ogilbyi*" (Lydekker and Blaine).

## CEPHALOPHUS RUFILATUS RUFILATUS Gray. Red-flanked Duiker

*Antilope grimmia* Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 2: 191, 1816, not of Pallas. Coast of Guinea.

*Cephalophus rufilatus* Gray, Ann. Mag. Nat. Hist. (1) 18: 166, Sep. 1846. Waterloo Village, Sierra Leone.

*Cephalophus rufilatus curieri* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, 59: sect. 1, p. 166, 1869; based on *Cephalophus rufilatus*, var. Gray. "Sierra Leone, Ashantee."

## CEPHALOPHUS RUFILATUS RUBIDIOR Thomas and Wroughton

*Cephalophus rufilatus rubidior* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 385, May 1907. Upper Uele Valley, Congo Belge.

## CEPHALOPHUS SILVICULTOR SILVICULTOR (Afzelius). Yellow-backed Duiker

*Antilope silvicultrix* Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 265, pl. 8, f. 1, 1815. Sierra Leone, and regions adjacent to the Pongas and Quia Rivers.

*Cephalophus punctulatus* Gray, Gleanings from the Menagerie at Knowsley Hall, 2: 11, pl. 11, f. 1, 1850. Sierra Leone.

*Cephalophus longiceps* Gray, Proc. Zool. Soc. London, p. 204, text-f. 1, June 1865. Gaboon.

*Cephalophus ruficrista* Bocage, Journ. de Sci. Math., Phys. e Nat., Lisboa, (1) 2: 221, Aug. 1869; Proc. Zool. Soc. London, for 1878, p. 744, Apl. 1879. Interior of Angola (Loanda).

*Cephalophus melanoprymnus* Gray, Proc. Zool. Soc. London, p. 594, pl. 44, text-f. 2, 3, Aug. 1871. Gaboon.

*Cephalophus silvicultor* Thomas, Proc. Zool. Soc. London, p. 416, Oct. 1892.

[*Cephalophus*] *sclateri* Jentink, Notes Leyden Mus., 22: 187, Mar. 1901. Congo.

[*Cephalophus*] *thomasi* Jentink, Notes Leyden Mus., 22: 187, Mar. 1901. Congo.

*Cephalophus cori* Jentink, Notes Leyden Mus., 28: 117, July 1906. North-western Rhodesia.

On the identity of this supposed form with the typical animal, see Lönnberg, E. (Revue Zool. Africaine, 7: 163, 1 Oct. 1919).



CEPHALOPHUS SILVICULTOR ITURIENSIS M. de Rothschild and Neuville

*Cephalophus ituriensis* M. de Rothschild and Neuville, Compt. Rend. Acad. Sci. Paris, 144: 98, 1907. Ituri valley, Congo Belge.

*Cephalophus sylvicultrix ituriensis* St. Leger, Proc. Zool. Soc. London, p. 215, 16 Apl. 1936. A valid race.

CEPHALOPHUS SPADIX True. Abbott's Duiker

*Cephalophus spadix* True, Proc. U. S. Nat. Mus., 13: 227, 16 Sep. 1890. High altitude, Mt. Kilimanjaro, Tanganyika Territory.

CEPHALOPHUS ZEBRA (Gray). Zebra Antelope or Banded Duiker

*Antilope zebra* Gray, Ann. Mag. Nat. Hist. (1) 1: 27, Mar. 1838. Sierra Leone.

*A[ntilope] zebrata* Gervais, Echo de Monde Savant, 1836?; Dictionnaire des Sci. Nat., Suppl., 1: pt. 2, p. 267, 1841. West coast of Africa.

*Cephalophus dorix* Thomas, Proc. Zool. Soc. London, p. 424, Oct. 1892.

*A[ntilope] doria* Ogilby, Proc. Zool. Soc. London, for 1836, p. 121, 20 Feb. 1837.

No description, but Ogilby says "the beautiful species mentioned by Mr. Bennett (Proc. Zool. Soc., 1833, p. 1,) which is a real *Antilope*, and which I hope shortly to have an opportunity of describing in detail under the name of *A. doria* . . ." The antelope referred to, however, is the Mhorri!

Range: Interior of Liberia and western Sierra Leone.

### Subgenus GUEVEI Gray

*Guevei* Gray, Cat. Mamm. Brit. Mus., pt. 3, Ungulata Furcipedes, p. 86, 1852.

As a subgenus of *Cephalophus*; type *Antilope (Cephalophus) maxwellii* Hamilton Smith. Schwarz (Ann. Mag. Nat. Hist. (8) 13: 492, May 1914) considers this group entitled to generic rank.

CEPHALOPHUS CÆRULUS CÆRULUS (Hamilton Smith). Blue Duiker

*Antilope pygmæa* Schinz, Cuvier's Thierreich, 1: 393, 1821, not *Antilope pygmæus* Pallas, = *Neotragus pygmæus* (Linnaeus). Forests of south coast of Africa.

*A[ntilope] cærulea* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 268; 5: 348, 1827. Near Cape Town, Cape of Good Hope.

*A[ntilope] perpusilla* Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 4: 269; 5: 348, 1827. "Interior of Caffraria."

*Cephalopus* (sic) *cærulea* A. Smith, South African Quart. Journ., 2: 216, 1834. South Africa.

*Antilope minuta* Forster, Descrip. Animalium, p. 383, 1844. Substitute for *Antilope pygmæa* Pallas.

*Cephalophus monticola* Gray, Ann. Mag. Nat. Hist. (1) 18: 167, Sep. 1846. South Africa, Cape region.

Not *Capra monticola* Thunberg, 1789, = *Ourebia ourebi* (Zimmermann); see Schwarz, Ann. Mag. Nat. Hist. (8) 13: 35, footnote, Jan. 1914.

*Cephalophus bicolor* Gray, Proc. Zool. Soc. London, for 1862, p. 263, pl. 24, Apl. 1863. Ungozi forest, between Umbrelans and Umblatore, Natal.

*Cephalophus pygmaeus caffer* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 166, 1869. Kaffirland, Mozambique. Based on the *Sylvicapra monticola*, var., Sundevall.

CEPHALOPHUS CÆRULUS ÆQUATORIALIS Matschie

*Cephalolophus* (sic) *æquatorialis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 112, 1892. Chagwe, Uganda.

*C[ephalophus] æquinoctialis* Lydekker, Horns and Hoofs, p. 209, 1893 (errorim).

CEPHALOPHUS CÆRULUS ANCHIETÆ Bocage

*Cephalophus anchietæ* Bocage, Proc. Zool. Soc. London, for 1878, p. 743, Apl. 1879. Capangombe, Angola.

*C[ephalophus] c[ærus] anchietæ* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 36, Jan. 1914.

CEPHALOPHUS CÆRULUS BAKERI M. de Rothschild and Neuville

*Cephalophus æquatorialis bakeri* M. de Rothschild and Neuville, Compt. Rend. Acad. Sci. Paris, 144: 219, 1907. Ituri Forest, eastern Uganda.

*C[ephalophus] c[ærus] bakeri* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 35, Jan. 1914.

CEPHALOPHUS CÆRULUS CONGICUS Lönnberg

*Cephalophus nyasæ congicus* Lönnberg, Arkiv f. Zool., 4: no. 16, p. 12, 29 Apl. 1908. Lower Congo.

*Cephalophus cærus congicus* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 36, Jan. 1914.

CEPHALOPHUS CÆRULUS DEFRIESI W. Rothschild

*Cephalophus nyasæ defriesi* W. Rothschild, Abstract Proc. Zool. Soc. London, no. 3, p. 9, 23 Feb. 1904; Proc. Zool. Soc. London, 1: 229, 9 June 1904.

Itambe, between Lakes Mweru and Tanganyika, Northern Rhodesia.

CEPHALOPHUS CÆRULUS FUSCICOLOR Blaine

*Cephalophus monticola fuscicolar* Blaine, Ann. Mag. Nat. Hist. (9) 9: 175, Feb. 1922. Chirinda Forest, Melsetter, Rhodesia.

CEPHALOPHUS CÆRULUS HECKI Matschie

*Cephalolophus* (sic) *hecki* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 158, 1897. Mozambique coast.

CEPHALOPHUS CÆRULUS LUDLAMI Blaine

*Cephalophus monticola ludlami* Blaine, Ann. Mag. Nat. Hist. (9) 9: 174, Feb. 1922. Junction of Lunga with Kafue River, northwestern Rhodesia.

## CEPHALOPHUS CÆRULUS LUGENS Thomas

*Cephalophus lugens* Thomas, Proc. Zool. Soc. London, p. 393, 1 Oct. 1898.

Urori, also called Usango, 8° S., 34° E., Tanganyika Territory.

Probably a subspecies of *C. cærulus*.

## CEPHALOPHUS CÆRULUS MELANORHEUS Gray

*Cephalophus melanorheus* Gray, Ann. Mag. Nat. Hist. (1) 18: 167, Sep. 1846.

Island of Fernando Po.

## CEPHALOPHUS CÆRULUS MUSCULOIDES Heller

*Cephalophus monticola musculoides* Heller, Smithsonian Misc. Coll., 61: no. 7, p. 9, 31 July 1913. Kakamega Forest, Kenya Colony.

*Cephalophus melanorheus musculoides* Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 99, 1914.

## CEPHALOPHUS CÆRULUS NYASÆ Thomas

*Cephalophus nyasæ* Thomas, Ann. Mag. Nat. Hist. (7) 9: 58, Jan. 1902. Mlanje, Nyasaland.

## CEPHALOPHUS CÆRULUS PEMBÆ Kershaw

*Cephalophus melanorheus pembæ* Kershaw, Ann. Mag. Nat. Hist. (9) 13: 556, May 1924. Vitongozi, Pemba Island, off eastern Africa.

## CEPHALOPHUS CÆRULUS RUDDI Blaine

*Cephalophus monticola ruddi* Blaine, Ann. Mag. Nat. Hist. (9) 9: 175, Feb. 1922. Sibedeni, northwestern Eshowe, Zululand, Natal.

## CEPHALOPHUS CÆRULUS SCHULTZEI Schwarz

*Cephalophus cærulus schultzei* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 35, Jan. 1914. Yukaduma, north of River Bumba, southern Cameroons.

## CEPHALOPHUS CÆRULUS SCHUSTERI Matschie

*Cephalophus (Guevei) schusteri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 352, July 1914. Uluguru Mts., Tanganyika Territory, 1000 m.

## CEPHALOPHUS CÆRULUS SUNDEVALLI Fitzinger

*Cephalophus pygmaeus sundevalli* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 166, 1869. "Insel bei Zanzibar." Based on *Sylvicapra monticola* var., Sundevall.

CEPHALOPHUS MAXWELLII MAXWELLII (Hamilton Smith). Maxwell's Duiker  
*A[ntelope] maxwellii* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 267, 1827. Sierra Leone.

For Col. Chas. Maxwell.

*A[ntilope] philantomba* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 349, 1827. Sierra Leone.

*Ant[ilope] frederici* Laurillard, D'Orbigny's Dictionnaire Univ. d'Hist. Nat., 1: 623, 1842. Senegal.

For Frederic Cuvier.

*Cephalophus whitfieldii* Gray, Gleanings from the Menagerie at Knowsley Hall, 2: 12, pl. 11, f. 2, 1850. Gambia.

CEPHALOPHUS MAXWELLII DANEI Hinton

*Cephalophus danei* Hinton, Ann. Mag. Nat. Hist. (9) 6: 531, Dec. 1920. Yarrow Island, Rokelle River, Sierra Leone.

CEPHALOPHUS MAXWELLII LIBERIENSIS Hinton

*Cephalophus liberiensis* Hinton, Ann. Mag. Nat. Hist. (9) 6: 530, Dec. 1920. Mt. Barclay, Liberia.

CEPHALOPHUS MAXWELLII LOWEI Hinton

*Cephalophus lowei* Hinton, Ann. Mag. Nat. Hist. (9) 6: 531; Dec. 1920. Tasso Island, Rokelle River, Sierra Leone.

CEPHALOPHUS SIMPSONI Thomas. Simpson's Duiker

*Cephalophus simpsoni* Thomas, Ann. Mag. Nat. Hist. (8) 5: 92, Jan. 1910. Kole, Lukenye valley, south-central Congo Belge.

### SYLVICAPRA Ogilby. Duikerboks

*Sylvicapra* Ogilby, Proc. Zool. Soc. London, for 1836, p. 138, 27 June 1837.

Genotype *Antilope mergens* Desmarest = *Capra grimmia* Linnæus.

*Grimmia* Laurillard, in D'Orbigny's Dictionnaire Univ. d'Hist. Nat., 1: 623 (art. *Antilope*), 1842. As a subgenus of *Antilope*; to include six species; type fixed as *Cephalophus rufipilatus* Gray = *Antilope grimmia* Linnæus (see P. L. Slater and Thomas, Book of Antelopes, 1: pt. 3, p. 121, May 1895).

*Cephalophora* Gray, Ann. Mag. Nat. Hist. (1) 10: 266, Dec. 1842. Genotype *Cephalophora coronata* Gray. Intended as an emendation of *Cephalophus*.

SYLVICAPRA GRIMMIA GRIMMIA (Linnæus). Cape Duiker or Duikerbok

*Capra grimmia* Linnæus, Syst. Nat., ed. 10, 1: 70, 1758. "Africa," i.e., Cape of Good Hope.

*Antilope nictitans* Thunberg, Mém. Acad. Imp. des Sci., St. Pétersbourg, p. 312, 1811. Cape of Good Hope.

*Antilope mergens* Desmarest, Nouv. Dictionnaire d'Hist. Nat., 2: 193, 1816. Cape of Good Hope.

- Cemas cana* Oken, Lehrbuch d. Naturgesch., pt. 3, zool., sect. 2, p. 743, 1816.  
Guinea to Cape of Good Hope.
- A[ntilope] burchellii* Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 4: 262, 1827. "Interior of the west side of Caffraria," i.e. Natal.
- A[ntilope] platous* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 260, 1827. Cape of Good Hope.
- A[ntilope] ptoox* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 265, 1827. Cape of Good Hope.
- Antilope (Cephalophus) platyotis* Lesson, Suites à Buffon, Hist. Nat. Mamm., 10: 293, 1836. Based on Hamilton Smith's account.
- Sylvicapra mergens caffra* Fitzinger, Sitzb. K. K. Akad. Wiss. Wien, math.-nat. Cl., 59: sect. 1, p. 167, 1869. Kaffirland, southwest Africa. Based on *Sylvicapra mergens*, var.  $\beta$  Sundevall.
- G[rimmia] irrorata* Gray, Proc. Zool. Soc. London, p. 589, 590, text-f. 1, Aug. 1871. Natal.
- Cephalolophus grimmii* Thomas, Proc. Zool. Soc. London, p. 428, Oct. 1892; emendation.

SYLVICAPRA GRIMMIA ABYSSINICA (Thomas). Abyssinian Duikerbok

*Cephalolophus abyssinicus* Thomas, Proc. Zool. Soc. London, p. 427, Oct. 1892. Abyssinia.

*Antilope madoqua* Rüppell, Neue Wirbelth. zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 22, pl. 7, f. 2, 1835. Galla west of Massawa and mountains of Kullaf, Ethiopia.

Regarded by Thomas as preoccupied by *Antilope madoka* Hamilton Smith, 1827, = *Madoqua saltiana* (Blainville).

SYLVICAPRA GRIMMIA ALTIFRONS (Peters)

*Antilope altifrons* Peters, Reise nach Mossambique, Säugeth., p. 184, pl. 37, 38, 1852. Sena, Boror, Mozambique, 17° S.

*Antilope ocularis* Peters, Reise nach Mossambique, Säugeth., p. 186, pl. 39; pl. 41, f. 1; pl. 42, f. 1, 1852. Mozambique, plains at Sena, Tette, Macanga, Boror.

SYLVICAPRA GRIMMIA ALTIVALLIS Heller

*Sylvicapra grimmii altivallis* Heller, Smithsonian Misc. Coll., 60: no. 8, p. 10, 2 Nov. 1912. Summit of Aberdare Range, near Kinanagop Peak, Kenya Colony, 10,500 ft.

SYLVICAPRA GRIMMIA BRADFIELDI Roberts

*Sylvicapra grimmii bradfieldi* Roberts, Ann. Transvaal Mus., 11: 262, 14 Sep. 1926. Quickborn, Okahandja, Southwest Africa.

## SYLVICAPRA GRIMMIA CAMPBELLÆ (Gray)

*Cephalophus campbelliæ* Gray, List Spec. Mamm. Brit. Mus., p. 162, 13 May 1843; Ann. Mag. Nat. Hist. (1) 18: 164, Sep. 1846. "South Africa."

*Sylvicapra coronata campbelliæ* Pocock, Proc. Zool. Soc. London, for 1910, p. 873, 11 Jan. 1911. "?Sierra Leone" according to Gray, but probably Nigeria.

## SYLVICAPRA GRIMMIA CORONATA (Gray). Crowned Duikerbok

*Cephalophora coronata* Gray, Ann. Mag. Nat. Hist. (1) 10: 266, Dec. 1842. "Western Africa."

## SYLVICAPRA GRIMMIA CUNENENSIS Zukowsky

*Sylvicapra grimmia cunenensis* Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 117, text-f. 7-9, July 1924. Otjonganga, southeast of Omuhonga Mts., Southwest Africa.

## SYLVICAPRA GRIMMIA DESERTI Heller

*Sylvicapra grimmia deserti* Heller, Smithsonian Misc. Coll., 61: no. 17, p. 4, 21 Oct. 1913. Voi, Kenya Colony.

## SYLVICAPRA GRIMMIA FLAVESCENS (Lorenz)

*Cephalophus grimmia flavescens* Lorenz, Ann. K. K. Naturhist. Hofmus., Wien, 9: Notizen, p. 60, 1894. Matabeleland, near Victoria Falls, Rhodesia.

## SYLVICAPRA GRIMMIA HINDEI (Wroughton). Hinde's Duikerbok

*Cephalophus abyssinicus hindei* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 273, Mar. 1910. Fort Hall, Kenya Colony.

## SYLVICAPRA GRIMMIA LOBELIARUM Lönnberg

*Sylvicapra grimmia lobeliarum* Lönnberg, Revue Zool. Africaine, 7: 181, 1 Oct. 1919. Mt. Elgon, Kenya Colony, in lobelia zone.

## SYLVICAPRA GRIMMIA LUTEA (Dollman)

*Cephalophus grimmia lutea* Dollman, Abstract Proc. Zool. Soc. London, no. 131, p. 26, 14 Apl. 1914; Proc. Zool. Soc. London, p. 318, 16 June 1914. Mt. Moroto, northeastern Karamoja, Central Province, Uganda.

## SYLVICAPRA GRIMMIA NOOMEI Roberts

*Sylvicapra altifrons noomei* Roberts, Ann. Transvaal Mus., 11: 263, 14 Sep. 1926. Maputa River, Mozambique.

## SYLVICAPRA GRIMMIA NYANSÆ Neumann. Nyanza Duikerbok

*Sylvicapra abyssinica nyansæ* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 89, 1905. Kwa Kitoto, Kavirondo district, Kenya Colony.



## SYLVICAPRA GRIMMIA OMURAMBÆ Zukowsky

*Sylvicapra grimmia omurambæ* Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 118, text-f. 7-9, no. 1, July 1924. Otjomikambo, on the Omuramba u'Omatako, Southwest Africa.

## SYLVICAPRA GRIMMIA PALLIDIOR Schwarz

*Sylvicapra grimmia pallidior* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 36, Jan. 1914. Mani, lower Shari River, French West Africa.

## SYLVICAPRA GRIMMIA ROOSEVELTI Heller. Roosevelt's Duikerbok

*Sylvicapra grimmia roosevelti* Heller, Smithsonian Misc. Coll., 60: no. 8, p. 9, 2 Nov. 1912. Rhino Camp, Lado Enclave.

## SYLVICAPRA GRIMMIA SHIRENSIS (Wroughton)

*Cephalophus abyssinicus shirensis* Wroughton, Ann. Mag. Nat. Hist. (8) 5: 274, Mar. 1910. Zomba, Nyasaland.

## SYLVICAPRA GRIMMIA SPLENDIDULA (Gray)

*Grimmia splendidula* Gray, Proc. Zool. Soc. London, p. 590, Aug. 1871. St. Paul de Loando, Angola.

## SYLVICAPRA GRIMMIA STEINHARDTI Zukowsky

*Sylvicapra grimmia steinhardtii* Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 113, text-f. 7-9, no. 4, July 1924. Otjikuara, source of the Hoamib, Southwest Africa.

## SYLVICAPRA GRIMMIA TRANSVAALENSIS Roberts

*Sylvicapra grimmia transvaalensis* Roberts, Ann. Transvaal Mus., 11: 262, 14 Sep. 1926. Rustenburg district, Transvaal.

## SYLVICAPRA GRIMMIA UGABENSIS Zukowsky

*Sylvicapra grimmia ugabensis* Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 115, text-f. 7-9, no. 3, July 1924. Goreis, 45 km. west of Outjo, Southwest Africa.

## SYLVICAPRA GRIMMIA UVIRENSIS Lönnberg

*Sylvicapra grimmia uvirensis* Lönnberg, Revue Zool. Africaine, 7: 179, 1 Oct. 1919. Uvira and Baraka, northwest of Tanganyika, Congo Belge.

## SYLVICAPRA LEUCOPROSOPUS (Neumann)

*Cephalophus leucoprosopus* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 18, 1899. Angola, sent from St. Paul de Loanda.  
Probably a race of *S. grimmia*.

## Subfamily OREOTRAGINÆ. Klipspringers

See: Pocock, R. I. On the specialized cutaneous glands of ruminants. Proc. Zool. Soc. London, for 1910, p. 840-906, text-f. 83-142, 11 Jan. 1911.

Neumann, O. Die verschiedenen Arten des Klippspringers (*Oreotragus*). Sitzb. Ges. Naturf. Freunde. Berlin, p. 169-175, Nov. 1902 (key).

## OREOTRAGUS A. Smith

*Oreotragus* A. Smith, South African Quart. Journ., 2: 212, 1834. Genotype *Antilope saltatrix* Boddart = *Antilope oreotragus* Zimmermann.

*Oritragus* Gloger, Hand- u. Hilfsbuch d. Naturgesch., 1: pp. xxxiii, 154, 1841. Genotype "Klippspringer" = *Oreotragus oreotragus* (Zimmermann).

OREOTRAGUS OREOTRAGUS OREOTRAGUS (Zimmermann). South African Klipspringer

*Antilope oreotragus* Zimmermann, Geogr. Geschichte, 3: 269, 1783. Cape of Good Hope.

*Antilope saltatrix* Boddart, Elenchus Animalium, p. 141, 1785. Cape of Good Hope.

*Antilope klipspringer* Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: Tabl. Méthodique d. Mamm., p. 32, 1804; Nouv. Dictionnaire d'Hist. Nat., 2: 191, 1816. Cape of Good Hope. (The name is credited by Desmarest to Lacépède.)

*Oreotragus typicus* A. Smith, South African Quart. Journ., 2: 212, 1834.

*Oreotragus saltator* Kirk, Proc. Zool. Soc. London, for 1864, p. 657, May 1865.

OREOTRAGUS OREOTRAGUS ACERATOS Noack

*Oreotragus aceratos* Noack, Zool. Anzeiger, 22: 11, 16 Jan. 1899. West of Lindi, Umbekuru (Bwemkuru) region, southern Tanganyika Territory.

OREOTRAGUS OREOTRAGUS AUREUS Heller

*Oreotragus oreotragus aureus* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 7, 16 Sep. 1913. Mt. Lololokwi, north of Northern Guaso Nyiro, Kenya Colony.

OREOTRAGUS OREOTRAGUS CENTRALIS Hinton

*Oreotragus oreotragus centralis* Hinton, Ann. Mag. Nat. Hist. (9) 8: 131, July 1921. South Chinsali district, northeastern Rhodesia.

OREOTRAGUS OREOTRAGUS CUNENENSIS Zukowsky

*Oreotragus oreotragus cunenensis* Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 124, text-f. 10-12, no. 2, July 1924. Kambele Falls, north bank of Kunene River, Southwest Africa.

*Oreotragus oreotragus steinhardtii* Zukowsky, Arch. f. Naturgesch., 90: sect A, pt. 1, p. 127, text-f. 10-12, no. 1, July 1924. Otjongombe, west of Kaoko-Otavi, Southwest Africa.

"Indistinguishable from *O.o. cuneneensis*" (Shortridge, G.C., Mammals of South West Africa, 2: 477, 1934).

OREOTRAGUS OREOTRAGUS HYATTI Hinton

*Oreotragus oreotragus hyatti* Hinton, Ann. Mag. Nat. Hist. (9) 8: 133, July 1921.

Leri n'Duchi, northeastern Zaria Province, northern Nigeria.

OREOTRAGUS OREOTRAGUS PORTEOUSI Lydekker. Porteous's Klipspringer

*Oreotragus saltator porteousi* (sic) Lydekker, Abstract Proc. Zool. Soc. London, no. 98, p. 38, 20 June 1911; Proc. Zool. Soc. London, p. 960, text-f. 192, 15 Dec. 1911. Duchi n'Wai Range, Zaria district, northern Nigeria (not Yola as originally given; see Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 130, footnote, 1914, where also misspelling of subspecific name is corrected).

OREOTRAGUS OREOTRAGUS SALTATRIXOIDES (Temminck). Abyssinian Klipspringer

*Calotragus saltatrixoides* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 191, 1853. Abyssinia. Based on Rüppell's account.

OREOTRAGUS OREOTRAGUS SCHILLINGSI Neumann. Schillings's Klipspringer

*Oreotragus schillingsi* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 172, Nov. 1902. Dönje Ngaptuk, northwest of Mt. Kilimanjaro, Tanganyika Territory.

OREOTRAGUS OREOTRAGUS SOMALICUS Neumann. Somali Klipspringer

*Oreotragus somalicus* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 174, Nov. 1902. Sheikh, Goolis Mts., northern Somaliland.

OREOTRAGUS OREOTRAGUS TRANSVAALENSIS Roberts

*Oreotragus oreotragus transvaalensis* Roberts, Ann. Transvaal Mus., 5: 276, 16 May 1917. Rooikrans, Rustenburg district, Transvaal.

OREOTRAGUS OREOTRAGUS TYLERI Hinton

*Oreotragus oreotragus tyleri* Hinton, Ann. Mag. Nat. Hist. (9) 8: 131, July 1921. Esquimina, south of Benguela, Angola.

## Subfamily NEOTRAGINÆ. Pygmy Antelopes

## HYLARNUS Thomas

*Hylarnus* Thomas, Ann. Mag. Nat. Hist. (7) 18: 149, Aug. 1906. Genotype *Neotragus batesi* De Winton.

Treated by Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 2: 166, 1914) as a subgenus of *Neotragus*.

HYLARNUS BATESI BATESI (De Winton). Bates's Dwarf Antelope  
*Neotragus batesi* De Winton, Proc. Zool. Soc. London, 1: 192, pl. 19, text-f. 29,  
6 Aug. 1903. Efulen, Cameroons.

HYLARNUS BATESI HARRISONI Thomas

*Hylarnus harrisoni* Thomas, Ann. Mag. Nat. Hist. (7) 18: 149, Aug. 1906.  
Semliki Forest, eastern Congo Belge.

## NEOTRAGUS Hamilton Smith. Royal Antelope

*Neotragus* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 349, 1827.

As a subgenus of *Antilope*; type *Antilope pygmæa* (Shaw) = *Capra pygmæa* Linnaeus.

Treated by Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 2: 158, 1914) as including *Nesotragus* and *Hylarnus* as subgenera.

*Tragulus* Ogilby, Proc. Zool. Soc. London, for 1836, p. 138, 27 June 1837; not of Pallas. Genotype *Antilope pygmæa* (Linnaeus).

*Minytragus* Gloger, Hand- u. Hilfsbuch d. Naturgesch., 1: xxxiii, 154, 1841.

No type mentioned; includes several species of African Dwarf Antelopes.

*Spinigera* Lesson, Nouv. Tableau Règne Anim., Mamm., p. 178, 1842. As a subgenus of *Antilope*; type *Antilope spinigera* Temminck = *Capra pygmæa* Linnaeus.

*Nanotragus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 191, 1846. Genotype *Neotragus spiniger* (Temminck) = *Capra pygmæa* Linnaeus.

*Capra*, *Moschus*, *Antilope*, *Cerophorus*, *Cemas*, *Cephalophorus*, *Calotragus*, in part, of older authors.

NEOTRAGUS PYGMÆUS (Linnaeus). Royal Antelope

*Capra pygmæa* Linnaeus, Syst. Nat., ed. 10, 1: 69, 1758. "Guinea, India."

*Antilope regia* Erxleben, Syst. Regni Animalis, p. 278, 1777. "ad Senegal fluvium."

*Antilope spinigera* Temminck, Monographies de Mammalogie, 1: p. xxx, 1827 (nomen nudum); Lesson, Manuel de Mammalogie, p. 379, 1827. Coasts of Guinea and Loango.

*Antilope (Spinigera) spinigera* Lesson, Nouv. Tableau Règne Anim., Mamm., p. 178, 1842. West coast of Africa.

*Nanotragus perpusillus* Gray, Proc. Zool. Soc. London, for 1850, p. 126, 24 Feb. 1851. Guinea.

### NESOTRAGUS Von Dueben. Suni or Dwarf Antelope

*Nesotragus* Von Dueben, in Sundevall, Öfvers. af Kongl. Vet.-Akad. Förhandl., Stockholm, 3: no. 7, p. 221, 1846. Genotype, *Nesotragus moschatus* von Dueben.

Regarded by Lydekker and Blaine as a subgenus of *Neotragus*.

NESOTRAGUS MOSCHATUS MOSCHATUS Von Dueben. Suni

*Nesotragus moschatus* von Dueben, in Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 7, p. 221, 1846. Chapani Island, two miles (English) from Zanzibar.

*Cephalophorus zanzibaricus* Layard, Cat. Mamm. South African Mus., p. 71, 1861.

*Nesotragus kirchenpaueri* Pagenstecher, Jahrb. Hamburg. Wiss. Anstalten, 2: 36, 1885. Great Arusha, Tanganyika Territory.

NESOTRAGUS MOSCHATUS AKELEYI Heller. Akeley's Suni

*Nesotragus moschatus akeleyi* Heller, Smithsonian Misc. Coll., 61: no. 7, p. 1, 31 July 1913. Southeast slope, Mt. Kenya, Kenya Colony, 7000 ft.

NESOTRAGUS MOSCHATUS DESERTICOLA Heller

*Nesotragus moschatus deserticola* Heller, Smithsonian Misc. Coll., 61: no. 7, p. 2, 31 July 1913. Maji-ya-Chumvi, Kenya Colony.

NESOTRAGUS LIVINGSTONIANUS LIVINGSTONIANUS Kirk. Livingstone's Suni

*Nesotragus livingstonianus* Kirk, Proc. Zool. Soc. London, for 1864, p. 657, May 1865. Shupanga and Lupata, Zambesia, Mozambique.

*Nesotragus livingstonei* Bryden, Great and Small Game of Africa, p. 255, 1899.

NESOTRAGUS LIVINGSTONIANUS ZULUENSIS Thomas

*Nesotragus livingstonianus zuluensis* Thomas, Ann. Mag. Nat. Hist. (7) 2: 317, Oct. 1898. Umkuja (Umkozi) Valley, Zululand, Natal.

Range: Zululand to Tette, Zambesia.

### OUREBIA Laurillard. Oribis

*Ourebia* Laurillard, D'Orbigny's Dictionnaire Univ. d'Hist. Nat., 1: 622, 1842 (article 'Antilope'). As a subgenus of *Antilope*, to include 7 species; type *Antilope ourebi* Zimmermann (see P. L. Selater and Thomas, Book of Antelopes, 2: pt. 5, p. 13, Jan. 1896).

*Scopophorus* Gray, Ann. Mag. Nat. Hist. (1) 18: 232, Oct. 1846. Genotype *Antilope ourebi* Zimmermann.

*Quadriscopa* Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 59: pt. 1, p. 167, 1869. Genotype *Quadriscopa smithii* Fitzinger = *Antilope quadriscopa* Hamilton Smith.

*Oribia* F. V. Kirby, Great and Small Game of Africa, p. 238, 1899, emendation.

OUREBIA HAGGARDI (Thomas). Haggard's Oribi

*Neotragus haggardi* Thomas, Ann. Mag. Nat. Hist. (6) 15: 187, Feb. 1895. Lamu, Kenya Colony.

A species distinct from *O. o. montana* (see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 93, 1924).

OUREBIA KENYÆ Meinertzhagen

*Ourebia kenyæ* Meinertzhagen, Abstract Proc. Zool. Soc. London, no. 16, p. 15, 14 Mar. 1905; Proc. Zool. Soc. London, 1: 169, 10 Aug. 1905. Upper Tana River, Kenya Colony.

Range: Upper Tana River to Fort Hall and Ithanga Hills.

OUREBIA OUREBI OUREBI (Zimmermann). South African Oribi

*Antilope ourebi* Zimmermann, Geogr. Geschichte, 3: 268, 1783. Cape of Good Hope ("die Cafferey").

*Antilope scoparia* Schreber, Säugthiere, pl. 261, 1785; 5: 1244, 1836. Cape Colony.

*Antilope melanura* Bechstein, Uebersicht d. Vierfüssige Thiere, 1: 73, 1799.

*Scopophorus ourebi grayi* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 165, 1869. Cape of Good Hope. Based on the *Scopophorus ourcbi* var., of Gray.

OUREBIA OUREBI ÆQUATORIA Heller

*Ourebia montana æquatoria* Heller, Smithsonian Misc. Coll., 60: no. 8, p. 12, 2 Nov. 1912. Rhino Camp, Lado Enclave.

OUREBIA OUREBI COTTONI Thomas and Wroughton. Cotton's Oribi

*Ourebia cottoni* Thomas and Wroughton, Ann. Mag. Nat. Hist. (8) 1: 178, Feb. 1908. Sirgoi Rock, Guas Ngishu plateau, Kenya Colony, 7000 ft.

*Ourebia microdon* Hollister, Smithsonian Misc. Coll., 56: no. 2, p. 4, pl. 1, f. 2, 3, 31 Mar. 1910. South of Nzoia River, Guas Ngishu plateau, Kenya Colony.

OUREBIA OUREBI DORCAS Schwarz

*Ourebia ourebi dorcas* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 37, Jan. 1914. Bahr Keeta, northeast of Fort Archambault, upper Shari district, French Equatorial Africa.



## OUREBIA OUREBI GALLARUM Blaine

*Ourebia gallarum* Blaine, Ann. Mag. Nat. Hist. (8) 11: 146, Jan. 1913. Shores of Lake Helene, about 60 miles south of Addis Ababa, Ethiopia.

## OUREBIA OUREBI GOSLINGI Thomas and Wroughton

*Ourebia goslingi* Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 387, May 1907. Niangara, upper Uele Valley, Congo Belge.

## OUREBIA OUREBI HASTATA (Peters)

*Antelope hastata* Peters, Reise nach Mossambique, Säugeth., p. 188, pl. 40; pl. 41, f. 2; pl. 42, f. 2, 1852. Sena, Mozambique.

## OUREBIA OUREBI MONTANA (Cretzschmar)

*Antelope montana* Cretzschmar, Atlas zu Rüppell's Reise im nördlichen Afrika, Zool., Säugeth., p. 11, pl. 3, 1826. Fazogli Hills, Blue Nile, border of Anglo-Egyptian Sudan.

*Ant[elope] brevicaudata* Rüppell, Neue Wirbelthiere zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 25, 1835. Sennaar, Anglo-Egyptian Sudan.

## OUREBIA OUREBI QUADRISCOPA (Hamilton Smith). Gambian Oribi

*A[ntelope] quadriscopa* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 261, col. pl.; 5: 345, 1827. Senegal.

Although P. L. Selater and Thomas (Book of Antelopes, pt. 3, p. 124, footnote, May 1895) do not attempt to identify this animal, it is clearly an oribi, and the name should supersede *nigricaudatus* of Brooke.

*Quadriscopa smithii* Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 59: pt. 1, p. 167, 1869. Senegal; substitute for *Antelope quadriscopa* Hamilton Smith.

*Nanotragus nigricaudatus* Brooke, Proc. Zool. Soc. London, for 1872, pp. 874, 875, pl. 75, Apl. 1873. Gambia, about 70 or 80 miles from Bathurst, midway between there and Macarthey's Island.

## OUREBIA OUREBI RUTILA Blaine

*Ourebia rutilus* Blaine, Proc. Zool. Soc. London, 1: 325, 28 June 1922. Between Quanza and Luando Rivers, southern Angola.

*Ourebia leucopus* Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 54: 78, text-f. 1, 1930. Chimpopo, west of Caiundo, Angola.

*Ourebia scoparia leucopus* Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 64, 1933.

## OUREBIA OUREBI SPLENDIDA Schwarz

*Ourebia ourebi splendida* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 38, Jan. 1914. Between Djogto and Lai, east of Logone River, French Equatorial Africa.

*OUREBIA OUREBI* UGANDÆ de Beaux

*Ourebia montana ugandæ* de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, (3) 9 = 49: 223, 31 Mar. 1921. Near Gondokoro, Uganda.

*Ourebia masakensis* Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17 B: no. 9, p. 3, 14 May 1925. Kyazanga, Masaka district, western Uganda.

Probably a synonym of *O. o. ugandæ*.

*Ourebia pitmani* Ruxton, Ann. Mag. Nat. Hist. (9) 18: 33, July 1926. Near Lake Nakivali, Ankole, Uganda, 4300 ft.

Probably a synonym of *O. o. ugandæ*.

## RAPHICERUS Hamilton Smith. Steinbok

*Raphicerus* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 342, 1827.

As a subgenus of *Antilope*; type *Antilope acuticornis* (Blainville) = *Antilope campestris* Thunberg (see P. L. Sclater and Thomas, Book of Antelopes, 2: pt. 5, p. 33, Jan. 1896).

*Rhaphocerus* Agassiz, Nomenclator Zool., Index Univ., p. 321, 1846; emendation.

*Calotragus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 192, 1846. Genotype *Cervus tragulus* Forster = *Antilope campestris* Thunberg.

*Pediotragus* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 42: 396, 1861. Genotype *Antilope tragulus* Forster = *Antilope campestris* Thunberg.

*Raphiceros* Thomas, Proc. Zool. Soc. London, for 1896, p. 796, Apl. 1897; emendation.

*Rhaphiceros* Jentink, Notes Leyden Mus., 22: 31, July 1900; emendation.

*Capra*, *Antilope*, *Cerophorus*, *Tragulus*, *Neotragus*, *Tragelaphus*, *Oreotragus*, in part, of older authors.

## Subgenus RAPHICERUS Hamilton Smith. (Lateral hoofs wanting.)

RAPHICERUS CAMPESTRIS CAMPESTRIS (Thunberg). South African Steinbok

*Antilope campestris* Thunberg, Mém. Acad. Imp. des Sci., St. Pétersbourg, 3: 311, 1811. Cape of Good Hope.

*Antilope tragulus* Lichtenstein, Mag. Ges. Naturf. Freunde, Berlin, 6: 176, 1814; Darstellung. Neue oder Wenigbek. Säugeth., pl. 14 and text, 1828. ?Damaraland (see G. C. Shortridge, Mamm. South West Africa, 2: 499, 1934), who includes this as a valid race).

*Antilope tragulus* var.  $\gamma$  *pallida* Lichtenstein, Mag. Ges. Naturf. Freunde, Berlin, 6: 177, 1814. No locality; Cape of Good Hope implied.

*Antilope tragulus* var.  $\beta$ . *rupestris* Lichtenstein, Mag. Ges. Naturf. Freunde, Berlin, 6: 177, 1814. No locality.

*Antilope capensis* Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 254, 1815. Cape of Good Hope, Grøene Kloof, Saldanna Bay, and Koude Bockeveld.

- Antilope pediotragus* Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 260, 264, 1815. Cape of Good Hope, Akter Brunties Hoogte.
- Antilope ibex* Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 263, 1815. Based on the Steenbok of Cape of Good Hope.
- Cerophorus (Cervicapra) stenbock* Blainville, Bull. des Sci., Soc. Philomatique, Paris, p. 75, 1816; nomen nudum. South Africa implied.
- Cerophorus (Cervicapra) acuticornis* Blainville, Bull. des Sci., Soc. Philomatique, Paris, p. 75, 79, 1816. No locality.
- A[ntilope] fulvo-rubescens* Desmoulins, Dictionnaire Class. d'Hist. Nat., 1: 446, 1822. Plains of "Cafrérie" = South Africa.
- Antilope subulata* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 253; 5: 342, 1827. "The East Indies."
- Pediotragus tragulus grayi* Fitzinger, Sitzb. K. K. Akad. Wiss. Wien, math.-nat. Cl., 59: sect. 1, p. 163, 1869. Southwest Africa; based on *Calotragus tragulus* var., Gray = *Calotragus campestris*, var., Gray, (Cat. Mamm. Brit. Mus., pt. 3, Ungulata Furcipedes, p. 71, 1852).
- Pediotragus horstockii* Jentink, Notes Leyden Mus., 22: 36, 39, July 1900. No locality.

#### RAPHICERUS CAMPESTRIS BOURQUI Monard

- Raphicerus campestris bourquii* Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 54: 82, 1930. Calundungu, Angola.

#### RAPHICERUS CAMPESTRIS CAPRICORNIS Thomas and Schwann

- Raphicerus neumanni capricornis* Thomas and Schwann, Proc. Zool. Soc. London, p. 584, 10 Oct. 1906. Klein Letaba, Transvaal.

#### RAPHICERUS CAMPESTRIS KELLENI (Jentink)

- Pediotragus kelleni* Jentink, Notes Leyden Mus., 22: 41, July 1900. Cahama, Kakulovar River, tributary of the Cunene, Mossamedes, Angola.
- Pediotragus kelleni cunenensis* Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 131, text-f. 10-12, no. 4, July 1924. Ombepera, southern Omuhonga Mts., Southwest Africa.
- P[ediotragus] k[elleni] hoamibensis* Strand, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 133, footnote, July 1924. Otjonduno, near source of the Hoamib, southern Ombombo, Southwest Africa.
- Probably a synonym of *R. c. kelleni*.
- Pediotragus kelleni steinhardti* Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 129, text-f. 10-12, no. 3, July 1924. Cheiros, northeast of Franzfontein, source of the Huab, Southwest Africa.
- Pediotragus kelleni ugabensis* Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 132, text-f. 10-12, no. 5, July 1924. Okuvakuatjivi, near Omaruru, upper Omaruru River, Southwest Africa.
- Probably a synonym of *Raphicerus c. kelleni*.

*P[ediotragus] k[elleni] zukowskyi* Strand, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 133, footnote, July 1924. Bubos, 18 km. northeast of Grootfontein, and vicinity, Southwest Africa.

Probably a synonym of *R. c. kelleni*.

RAPHICERUS CAMPESTRIS NATALENSIS W. Rothschild

*Rhaphiceros* (sic) *horstocki natalensis* W. Rothschild, Proc. Zool. Soc. London, p. 237, 1 Aug. 1907. Drakensberg district, Natal.

RAPHICERUS CAMPESTRIS NEUMANNI (Matschie)

*Pediotragus neumanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 122, 1894. Northern Ugogo, Tisso and Nyangani, Tanganyika Territory.

*Rhaphiceros neumanni stigmatus* Lönnberg, Wiss. Ergebn. d. Schwedischen Zool. Exp. nach Kilimandjaro u. Leitung v. Sjöstedt, Mamm., p. 40, pl. 6, f. 3, 1908. Near Natron Lakes and near Ngare na Nyuki, Tanganyika Territory.

The name is misspelled *stigmaticus* by Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 152, 1914.

RAPHICERUS SHARPEI SHARPEI Thomas. Sharpe's Steinbok

*Rhaphiceros sharpei* Thomas, Proc. Zool. Soc. London, for 1896, p. 796, pl. 39, Apl. 1897. Southern Angoniland, Nyasaland.

RAPHICERUS SHARPEI COLONICUS Thomas and Schwann .

*Rhaphiceros sharpei colonicus* Thomas and Schwann, Proc. Zool. Soc. London, p. 583, 10 Oct. 1906. Klein Letaba, Transvaal.

### Subgenus NOTOTRAGUS Thomas and Schwann

*Nototragus* Thomas and Schwann, Abstract Proc. Zool. Soc. London, no. 27, p. 10, 27 Feb. 1906; Proc. Zool. Soc. London, p. 168, 7 June 1906. Type *Rhaphiceros melanotis* (Thunberg).

*Grysbok* Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 55, text-f., Jan. 1907. Genotype *Grysbok melanotis* (Thunberg). Here as a subgenus, characterized by its lateral toes.

RAPHICERUS MELANOTIS (Thunberg). Grysbok

*Antilope melanotis* Thunberg, Mém. Acad. Imp. des Sci., St. Pétersbourg, 3: 312, 1811. Cape of Good Hope.

*Antilope grisea* Cuvier, Dictionnaire des Sci. Nat., 2: 244, 1816. Cape of Good Hope.

*Antilope rubro-albescens* Desmoulins, Dictionnaire Class. d'Hist. Nat., 1: 446, 1822. No locality.

*Antilope rufescens* Hamilton Smith, ex Burchell MS., Griffith's Cuvier, Animal Kingdom, 4: 249; 5: 341, 1827. Cape of Good Hope.

## Subfamily MADOQUINÆ. Dik-diks

## DORCATRAGUS Noack. Beira Antelope

*Dorcatragus* Noack, Zool. Anzeiger, 17: 202, 28 May 1894. Genotype *Oreotragus megalotis* Menges.

Placed with the Madoquinæ by Pocock (Proc. Zool. Soc. London, for 1910, p. 878, 11 Jan. 1911) with which it agrees in the nature of its foot glands.

*Dorcotragus* P. L. Selater and Thomas, Book of Antelopes, 3: pt. 12, p. 239, pl. 75, text-f. 87, Oct. 1898; emendation.

DORCATRAGUS MEGALOTIS (Menges). Beira

*Oreotragus megalotis* Menges, Zool. Anzeiger, 17: 130, 9 Apl. 1894. Hekebo, northern Somaliland.

*Dorcatragus megalotis* Noack, Zool. Anzeiger, 17: 202, 28 May 1894.

Range: Mountains of Somaliland and parts of Abyssinia (Ethiopia).

## MADOQUA Ogilby. Dik-diks

*Madoqua* Ogilby, Proc. Zool. Soc. London, for 1836, p. 137, 27 June 1837.

Genotype *Antelope saltiana* Desmarest.

See: Drake-Brockman, R. E. On antelopes of the genera *Madoqua* and *Rhynchotragus* found in Somaliland. Proc. Zool. Soc. London, p. 977-984, pl. 55, 56, 15 Dec. 1911.

MADOQUA CORDEAUXI Drake-Brockman

*Madoqua cordeauxi* Drake-Brockman, Ann. Mag. Nat. Hist. (8) 4: 49, July 1909. Dirre Dawa, Abyssinia (Ethiopia), 3500 ft.

MADOQUA ERLANGERI Neumann

*Madoqua erlangeri* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 88, 1905. Near Sheikh Hussein, Arusiland, central Abyssinia (Ethiopia).

MADOQUA PHILLIPSI PHILLIPSI Thomas. Phillips's Dik-dik

*Madoqua phillipsi* Thomas, Proc. Zool. Soc. London, p. 327, text-f. 3, Aug. 1894. Dobwein, northern British Somaliland.

MADOQUA PHILLIPSI GUBANENSIS Drake-Brockman

*Madoqua phillipsi gubanensis* Drake-Brockman, Ann. Mag. Nat. Hist. (8) 4: 49, July 1909. Hul Gabobai, Guban, Golis foothills, 35 miles south of Berbera, British Somaliland.

MADOQUA PHILLIPSI HARARENSIS Neumann

*Madoqua hararensis* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 87, 1905. Kumbi, Ennia-Galla Land, Abyssinia.

## MADOQUA PHILLIPSI LAWRANCEI Drake-Brockman

*Madoqua phillipsi lawrancei* Drake-Brockman, Ann. Mag. Nat. Hist. (9) 18: 213, Aug. 1926. Eil Hur, near Obbia, Italian Somaliland.

## MADOQUA SALTIANA (Desmarest). Salt's Dik-dik

*Antilope saltiana* Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 2: 192, 1816. Abyssinia.

*Antilope (Cervicapra) saltiana* Blainville, Bull. des Sci. Soc. Philomatique, Paris, pp. 75, 79, 1816. Abyssinia.

*A[ntilope] madoka* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 271, 1827. Abyssinia.

*Antilope hemprichiana* Ehrenberg, in Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 1, folio z (text to pl. 7), Aug. 1832. Gedam Mountains, Abyssinia, near Arkiko and Eilet.

Possibly a distinct race, *M. saltiana hemprichiana* (see Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 176, 1914).

*Antilope hemprichii* Rüppell, Neue Wirbelth. zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 25, 1835. Renaming of the *Antilope saltiana* Rüppell (Atlas zu d. Reise Nördlich. Afrika).

*Antilope madoqua* Waterhouse, Cat. Mamm. Mus. Zool. Soc. London, ed. 2, p. 40, 1838. Abyssinia.

## MADOQUA SWAYNEI SWAYNEI Thomas. Swayne's Dik-dik

*Modoqua swaynei* Thomas, Proc. Zool. Soc. London, p. 328, Aug. 1894. Berbera, British Somaliland.

## MADOQUA SWAYNEI CITERNII de Beaux

*Madoqua swaynei citernii* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 61: 31, Feb. 1922. Dolo, Italian Somaliland.

## MADOQUA SWAYNEI PIACENTINII Drake-Brockman

*Madoqua piacentinii* Drake-Brockman, Proc. Zool. Soc. London, p. 981, pl. 56, f. 1, 15 Dec. 1911. Gharabwein, near Obbia, Mijertain country, Italian Somaliland.

*Madoqua swaynei piacentinii* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 61: 31, Feb. 1922.

## RHYNCHOTRAGUS Neumann. Long-snouted Dik-dik

*Rhynchotragus* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 88, 1905. Genotype *Madoqua guentheri* Thomas.

Treated as a subgenus of *Madoqua* by Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 2: 183, 1914).



RHYNCHOTRAGUS DAMARENSIS DAMARENSIS (Günther). Damaraland Dik-dik  
*Neotragus damarensis* Günther, Proc. Zool. Soc. London, p. 20, text-f. 7-9,  
June 1880. Omaruru, Damaraland, Southwest Africa.

RHYNCHOTRAGUS DAMARENSIS VARIANI Drake-Brockman. Varian's Long-nosed  
Dik-dik  
*Rhynchotragus damarensis variani* Drake-Brockman, Ann. Mag. Nat. Hist. (8)  
12: 481, Nov. 1913. Lobito, Angola.  
*Cephalophus hemprichianus* Jentink, Notes Leyden Mus., 9: 172, Apl. 1887  
(not of Ehrenberg). Otjipompenima, Mossamedes, Angola.

RHYNCHOTRAGUS GUENTHERI GUENTHERI (Thomas). Guenther's Dik-dik  
*Madoqua guentheri* Thomas, Proc. Zool. Soc. London, p. 324, text-f. 1, 2, Aug.  
1894. Central Ogaden, British Somaliland, 3000 ft.

RHYNCHOTRAGUS GUENTHERI HODSONI Pocock  
*Rhynchotragus hodsoni* Pocock, Ann. Mag. Nat. Hist. (9) 17: 188, Jan. 1926.  
Mt. Mega, southern Abyssinia (Ethiopia), 7000 ft.

RHYNCHOTRAGUS GUENTHERI SMITHII (Thomas)  
*Madoqua guentheri smithii* Thomas, Proc. Zool. Soc. London, for 1900, p. 804,  
1 Apl 1901. About 30 miles southeast of Lake Stephanie, Abyssinian  
border.

For Arthur Donaldson Smith.

*Madoqua (Rhynchotragus) nasoguttatus* Lönnberg, Arkiv f. Zool., 4: no. 3, p. 1,  
text-f. 1, 2, 7 June 1907. 20 km. southwest of Lake Baringo, Kenya  
Colony.

A synonym of *R. guentheri smithii* according to Hollister (Bull. U. S. Nat.  
Mus., no. 99, pt. 3, p. 96, 1924).

RHYNCHOTRAGUS GUENTHERI WROUGHTONI Drake-Brockman  
*Rhynchotragus guentheri wroughtoni* Drake-Brockman, Ann. Mag. Nat. Hist.  
(8) 4: 51, July 1909. Foothills of Mt. Abu-el-Kassim, Webi River, 20 miles  
west of Sheikh Hussein, Gallaland, central Abyssinia (Ethiopia), 3500 ft.

RHYNCHOTRAGUS KIRKII KIRKII (Günther). Kirk's Dik-dik  
*Neotragus kirkii* Günther, Proc. Zool. Soc. London, p. 17, text-f. 1, 2, 5, June  
1880. Brava, Italian Somaliland.

RHYNCHOTRAGUS KIRKII CAVENDISHI (Thomas). Cavendish's Dik-dik  
*Madoqua cavendishi* Thomas, Proc. Zool. Soc. London, p. 278, 1 Aug. 1898.  
"Lake Rudolf region", but probably the region of Lake Baringo, Kenya  
Colony (see Roosevelt and Heller, Life-histories of African Game Animals,  
2: 632, 1914).

*Madoqua langi* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 26: 153, 19 Mar. 1909.  
Elmenteita, Kenya Colony.

Synonym of *Rhynchotragus cavendishi* according to Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 2: 185, 1914).

*Rhynchotragus kirkii cavendishi* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 100, 1924.

RHYNCHOTRAGUS KIRKII HINDEI (Thomas). Hinde's Dik-dik

*Madoqua kirkii hindei* Thomas, Ann. Mag. Nat. Hist. (7) 10: 242, Sep. 1902.  
Kitui, Kenya Colony, 3500 ft.

RHYNCHOTRAGUS KIRKII MINOR Lönnberg

*Rhynchotragus cavendishi minor* Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 65,  
Jan. 1912. Below Chanler Falls, north of Northern Guaso Nyiro, Kenya  
Colony.

RHYNCHOTRAGUS KIRKII NYIKÆ Heller

*Rhynchotragus kirki nyikæ* Heller, Smithsonian Misc. Coll., 61: no. 7, p. 3,  
31 July 1913. Ndi, near Voi, Kenya Colony.

RHYNCHOTRAGUS KIRKII THOMASI Neumann

*Rhynchotragus thomasi* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 89,  
1905. Tisso (Kwa Meda), northern Ugogo, Tanganyika Territory.

#### Subfamily REDUNCINÆ. Reedbucks and Waterbucks

On the characters of the subfamily, see Pocock, R. I., Proc. Zool. Soc. London,  
for 1910, p. 911, 11 Jan. 1911.

#### ADENOTA Gray. Kobs

*Adenota* Gray, List Osteological Spec. Brit. Mus., pp. xv, 146, 1847; Proc. Zool.  
Soc. London, for 1850, p. 129, 24 Feb. 1851; Pocock, Proc. Zool. Soc.  
London, for 1910, p. 915, 11 Jan. 1911. Genotype *Antilope kob* Erxleben.

Regarded by Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 2:  
253, 1914) as a subgenus of *Kobus*.

*Hydrotragus* Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 54:  
sect. 1, p. 596, 1866. Genotype *Adenota kul* Heuglin (see P. L. Sclater and  
Thomas, Book of Antelopes, 2: pt. 6, p. 95, Aug. 1896).

*Pseudokobus* Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 59: pt. 1,  
p. 173, 1869. Genotype *Antilope forfex* Hamilton Smith = *Adenota kob*  
(Erxleben).

For key, see Rothschild, W. Descriptions of some new forms of antelope, with  
notes. Ann. Mag. Nat. Hist. (8) 12: 575, Dec. 1913.

## ADENOTA KOB KOB (Erxleben). Buffon's Kob

*Antilope kob* Erxleben, Syst. Regni Animalis, p. 293, 1777. Upper Guinea, "ad Senegal."

*A[ntilope] forfex* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 221; 5: 334, 1827. West Africa, Gambia.

*A[ntilope] adenota* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 223, pl. facing p. 210, 2 figs. middle row; pl. facing p. 222; 5: 335, 1827. Senegal.

*Kobus adansoni* A. Smith, Illustr. Zool. South Africa, Mamm., text to pl. 29, Oct. 1840. Western Africa, the Kob.

*Antilope annulipes* Gray, Ann. Mag. Nat. Hist. (1) 10: 267, Dec. 1842. Western Africa, Gambia.

[*Pseudokobus forfex*] *fraseri* Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 59: pt. 1, p. 173, 1869. West Africa.

*Adenota buffonii* Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 174, 1869. Senegambia, based on *Antilope kob* Erxleben.

*Cobus cob* Lydekker, Proc. Zool. Soc. London, p. 794, 1 Oct. 1899; emendation.

*Adenota koba* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 91, 1905; emendation.

*Cobus coba* Lydekker, Game Animals of Africa, p. 210, 1908.

*Cobus coba typicus* Ward, Records of Big Game, ed. 6, p. 200, 1910.

## ADENOTA KOB ADOLFI-FRIDERICI Schwarz

*Adenota kob adolfi-friderici* Schwarz, Ann. Mag. Nat. Hist. (8) 11: 496, May 1913. West side of mouth of Shari River, Bornu, northern Cameroons, near Lake Chad.

*Kobus kob adolfi* Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 259, 1914. Substitute for *Adenota kob adolfi-friderici* Schwarz, not *Kobus adolfi-friderici* Matschie, since those authors regard *Adenota* as a subgenus of *Kobus*.

## ADENOTA KOB ALURÆ Heller

*Adenota kob aluræ* Heller, Smithsonian Misc. Coll., 61: no. 7, p. 11, 31 July 1913. Rhino Camp, Lado Enclave.

## ADENOTA KOB BAHR-KEETÆ Schwarz

*Adenota kob bahr-keetæ* Schwarz, Ann. Mag. Nat. Hist. (8) 11: 497, May 1913. Bahr Keeta, northeast of Fort Archambault, Upper Shari district, French Equatorial Africa.

## ADENOTA KOB LEUCOTIS (Lichtenstein and Peters). White-eared Kob

*Antilope leucotis* Lichtenstein and Peters, Ber. K. Preuss. Akad. Wiss., Berlin, for 1853, p. 164, 1854. Sobat River, Anglo-Egyptian Sudan.

*Adenota kul* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 30: no. 2, p. 12, 1863. Plains of the Sobat, Anglo-Egyptian Sudan.

*Adenota wuil* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 30: no. 2, p. 13, 1863. Sobat plains, Anglo-Egyptian Sudan.

*Adenota nigroscapulata* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 15, 1899. Bahr-el-Gebel, between 6° and 7° N., Anglo-Egyptian Sudan.

"Immature or rufous colored individuals of the white-eared kob" (Heller, E., Smithsonian Misc. Coll., 61: no. 7, p. 12, 31 July 1913).

*Cobus vaughani* Lydekker, The Field (London), 108: 693, 20 Oct. 1906. Wau, Bahr-el-Ghazal, Anglo-Egyptian Sudan, 28° 10' E., 7° 30' N.

"Immature or rufous colored individuals of the white-eared kob" (Heller, E., Smithsonian Misc. Coll., 61: no. 7, p. 12, 31 July 1913).

ADENOTA KOB LODERI (Lydekker). Loder's Puku

*Cobus vardoni loderi* Lydekker, Proc. Zool. Soc. London, for 1899, p. 984, 1 text.-f., 1 Apl. 1900. Locality unknown.

*Adenota pousarguesi* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 91, 1905. Sanaga River, southern Cameroons.

"With the present information it seems impossible to distinguish *loderi* from *pousarguesi*" (Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 262, 1914).

ADENOTA KOB NEUMANNI W. Rothschild

*Adenota kob neumanni* W. Rothschild, Ann. Mag. Nat. Hist. (8) 12: 575, Dec. 1913. Lake Albert Edward, Uganda.

"Closely related to *aluræ*; perhaps identical with it" (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 111, 1924).

ADENOTA KOB NIGRICANS (Lydekker)

*Cobus nigricans* Lydekker, Proc. Zool. Soc. London, p. 794, pl. 53, 1 Oct. 1899.

Kafari, 80 miles northwest of Freetown, between the Great and Little Searcies Rivers, Sierra Leone.

ADENOTA KOB NOTATA W. Rothschild

*Adenota kob notata* W. Rothschild, Ann. Mag. Nat. Hist. (8) 12: 575, Dec. 1913. Ahmed Aga, Bahr-el-Abiad, southern Anglo-Egyptian Sudan.

Range: Southern Sudan.

ADENOTA KOB RIPARIA Schwarz

*Adenota kob riparia* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 39, Jan. 1914.

Kpandu district, western Togo, Gold Coast.

ADENOTA KOB THOMASI (P. L. Selater). Uganda Kob

*Kobus leucotis* P. L. Selater, Proc. Zool. Soc. London, p. 103, July 1864; not of Lichtenstein and Peters.

*Cobus thomasi* P. L. Selater (ex Neumann), Proc. Zool. Soc. London, for 1895, p. 869, text-f., Apl. 1896. Berkeley Bay, Lake Victoria, on boundary between Uganda and Kenya Colony.

ADENOTA KOB UBANGIENSIS Schwarz

*Adenota kob ubangiensis* Schwarz, Ann. Mag. Nat. Hist. (8) 11: 498, May 1913. Duma, near Libenge, Ubangi River, Congo Belge.

ADENOTA VARDONII VARDONII (Livingstone). Puku

*Antelope vardonii* Livingstone, Missionary Travels and Researches in South Africa, p. 256, 71 and pl. opp. 71, 1857. "Apparently the Chobi Valley", Zambesia, 30 or 40 miles above Libonta.

For Major Vardon.

*Cobus vardoni typicus* Selous, Great and Small Game of Africa, p. 294, 1899.

ADENOTA VARDONII SENGANUS (P. L. Selater and Thomas)

*Cobus senganus* P. L. Selater and Thomas, Book of Antelopes, 2: pt. 7, p. 145, Jan. 1897. Senga, Upper Loangwa valley, west of northern end of Lake Nyasa, Nyasaland.

Unidentified:

*Adenota mengesi* Neumann, Zool. Jahrb., Syst., 13: 560, 10 Oct. 1900. Southern Somaliland; based on a horn of uncertain identity.

AMMODORCAS Thomas

*Ammodorcas* Thomas, Proc. Zool. Soc. London, p. 207, pls. 21, 22, 1 Aug. 1891. Genotype *Cervicapra clarkei* Thomas.

AMMODORCAS CLARKEI (Thomas). Dibatag

*Cervicapra clarkei* Thomas, Ann. Mag. Nat. Hist. (6) 7: 304, Mar. 1891. Buroa Wells, east-central Somaliland (fide Lydekker and Blaine).

*Ammodorcas clarkei* Thomas, Proc. Zool. Soc. London, p. 207, pls. 21, 22, 1 Aug. 1891.

The subfamily position of this genus is perhaps uncertain, but near *Gazella*. Range: Restricted to Somaliland.

KOBUS A. Smith. Waterbucks

*Kobus* A. Smith, Illustr. Zool. South Africa, Mamm., pt. 12, pl. 28 and text, pl. 29, Oct. 1840. Genotype *Antelope ellipsiprymnus* Ogilby.

*Kolus* Gray, List Spec. Mamm. Brit. Mus., pp. xxvi, 159, 13 May 1843; errorim. Genotype *Kobus defassa* (Rüppell).

*Cobus* Buckley, Proc. Zool. Soc. London, p. 284, Aug. 1876; emendation.

*Robus* Zittel, Handbuch d. Paläontol., 4: mamm., pt. 2, pp. 417, 792, 1893; misprint.

*Aigoceros*, *Antilope*, *Cervicapra*, *Heliotragus*, in part, of older authors.

**KOBUS ELLIPSIPRYMNUS ELLIPSIPRYMNUS** (Ogilby). Waterbuck

*Antilope ellipsiprymnus* Ogilby, Proc. Zool. Soc. London, p. 47, 24 May 1833.

District between Lataku and the west coast, north of Orange River, Cape of Good Hope.

Range: As a species, from north of the Limpopo, South Africa, along the coastal region to the Webi Shebeli, British Somaliland. The status of most of the described races is still uncertain.

**KOBUS ELLIPSIPRYMNUS KONDENSIS** Matschie

*Kobus ellipsiprymnus kondensis* Matschie, Mitth. Zool. Mus. Berlin, 5: 556, Aug. 1911. Mwaya, southwestern Kondeland, northwestern end of Lake Nyasa, Tanganyika Territory.

*Kobus ellipsiprymnus lipuwa* Matschie, Mitth. Zool. Mus. Berlin, 5: 560, Aug. 1911. Mwaya, southwestern Kondeland, Tanganyika Territory.

*Kobus ellipsiprymnus kulu* Matschie, Mitth. Zool. Mus. Berlin, 5: 561, Aug. 1911. Maliwe Lake, 42 km. west of Kilwa, Tanganyika Territory.

Probably not distinct from *K. e. kondensis* Matschie.

**KOBUS ELLIPSIPRYMNUS KURU** Heller

*Kobus ellipsiprymnus kuru* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 6, 16 Sep. 1913. Taveta, Kilimanjaro district, Tanganyika Territory.

**KOBUS ELLIPSIPRYMNUS PALLIDUS** Matschie. Pale Waterbuck

*Kobus ellipsiprymnus pallidus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 410, 1910. Hal-be, Webi Shebeli, British Somaliland.

**KOBUS ELLIPSIPRYMNUS THIKÆ** Matschie

*Kobus ellipsiprymnus thikæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 411, 1910. Thika River, north of Dönyo-Sabuk, Kenya district, Kenya Colony.

*Kobus ellipsiprymnus canescens* Lönnberg, Kungl. Svenska-Vet.-Akad. Handl., Stockholm, (2) 48: no. 5, p. 160, pl. 14, f. 2, 26 June 1912. Northern Guaso Nyiro region, below Chanler Falls, and near crossing of Marsabit Road.

A synonym of *K. e. thikæ* (see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 105, 1924).

**KOBUS DEFASSA DEFASSA** (Rüppell). Defassa or Sing-sing Waterbuck

*Antilope defassa* Rüppell, Neue Wirbelth. zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 9, pl. 3, 1835. Abyssinia, about Dembea Lake and in the Kulla.



*Kolus sing sing* Gray, List Spec. Mamm. Brit. Mus., p. 159, 13 May 1843, in part. East Africa.

*Antilope defassa* var. *a*, *abyssinica* Wagner, Schreber's Säugthiere, Suppl., 5: 435, 1855. Abyssinia; based on account in *ibid.* 4: 423, 1844.

KOBUS DEFASSA ALBERTENSIS Matschie

*Kobus defassa albertensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 426, 1910. Lake Albert, at west side of outlet, Uganda.

KOBUS DEFASSA ANNECTENS Schwarz

*Kobus defassa annectens* Schwarz, Ann. Mag. Nat. Hist. (8) 11: 494, May 1913. Badingua, upper Shari River, Anglo-Egyptian Sudan.

KOBUS DEFASSA CRAWSHAYI (P. L. Selater). Crawshay's Waterbuck

*Cobus crawshayi* P. L. Selater, Proc. Zool. Soc. London, for 1893, p. 726, text-f., Apl. 1894. North shore of Lake Mweru, northeastern Rhodesia.

KOBUS DEFASSA HARNIERI (Murie)

*Antilope harnieri* Murie (ex Kaup), Proc. Zool. Soc. London, p. 5, pl. 2, text-f. 1, 2, (as *Kobus sing-sing*), May 1867. White Nile.

*Kobus defassa breviceps* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 424, 1910. Pembé, on the Nile between Dufilé and Matete, Lado Enclave.

*Kobus defassa ladoensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 426, 1910. Matete, between Dufilé and Lado, on the Nile, Lado Enclave.

*Kobus defassa griscotinctus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 427, 1910. Kerri, near Kero, north of Lado, on the Nile, Lado Enclave.

KOBUS DEFASSA HAWASHENSIS Matschie

*Kobus defassa hawashensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 413, 1910. Hawash River, between Ankober and Assobot Hills, Abyssinia (Ethiopia).

KOBUS DEFASSA MATSCHIEI Neumann

*Kobus unctuosus matschiei* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 92, 1905. Mouth of Galana River, Lake Abaya, central Abyssinia.

KOBUS DEFASSA NZOIAE Matschie

*Kobus defassa nzoiaë* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 417, 1910. Eastern Guas Ngishu plateau, Kenya Colony.

A valid race, see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 107, 1924.

*Kobus defassa fulvifrons* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 418, 1910. East of Kitosh, between the Nzoia and Guaso Masa Rivers, probably near mouth of Turkwel River, western Kenya Colony.

Synonym of *K. d. nzoiaë* according to Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 107, 1924).

**KOBUS DEFASSA PENRICEI** (W. Rothschild). Angola or Penrice's Waterbuck  
*Cobus penricei* W. Rothschild, Novitates Zool., 2: 52, pl. 4, f. 1, 1 Feb. 1895.  
 Bongo, banks of the Kuvali River, 100 miles southeast of Benguela,  
 Angola.

*Kobus penricei frommi* Matschie, Mitth. Zool. Mus. Berlin, 5: 563, Aug. 1911.  
 Mkwera Lake, southern Ufipa, western Tanganyika Territory.

*Kobus penricei münzneri* Matschie, Mitth. Zool. Mus. Berlin, 5: 567, Aug. 1911.  
 Mtänga, near the Mfuissi, flowing into Lake Rukwa, Tanganyika Terri-  
 tory.

**KOBUS DEFASSA RAINEYI** Heller

*Kobus defassa raineyi* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 5, 16 Sep.  
 1913. Amala River, Kenya Colony.

If *Kobus adolfi-friderici* Matschie "should prove beyond doubt to be a mem-  
 ber of the *defassa* group, then this name should unquestionably take the place  
 of *Kobus defassa raineyi* Heller" (Hollister, N., Bull. U. S. Nat. Mus., no. 99,  
 pt. 3, p. 108, 1924).

**KOBUS DEFASSA SCHUBOTZI** Schwarz

*Kobus defassa schubotzi* Schwarz, Ann. Mag. Nat. Hist. (8) 11: 495, May 1913.  
 Duma, near Libenge, Ubangi River, Congo Belge.

**KOBUS DEFASSA TJÄDERI** (Lönnerberg)

*Cobus defassa tjäderi* Lönnerberg, Arkiv f. Zool., 4: no. 3, p. 7, text-f. 3, 7 June  
 1907. Northwestern part of Laikipia plateau, west of the junction of  
 Guaso Nanek and Guaso Nyiro, (northern), Kenya Colony.

*Kobus defassa powelli* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 415,  
 1910. Laikipia escarpment, east of Lake Baringo, Kenya Colony.

*Kobus defassa angusticeps* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p.  
 416, 1910. Laikipia escarpment, north of Lake Baringo, Kenya Colony,  
 4100 ft.

**KOBUS DEFASSA TOGOENSIS** Schwarz

*Kobus defassa togoensis* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 38, Jan. 1914.  
 Kpandu district, western Togo, Gold Coast.

**KOBUS DEFASSA TSCHADENSIS** Schwarz

*Kobus unctuosus tschadensis* Schwarz, Ann. Mag. Nat. Hist. (8) 11: 267, Feb.  
 1913. Mafaling, Shari River, Anglo-Egyptian Sudan.

**KOBUS DEFASSA UGANDÆ** Neumann. Uganda Waterbuck

*Kobus unctuosus ugandæ* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 92,  
 1905. Maiandja (= Maanja) River, northern Uganda.

**KOBUS DEFASSA UNCTUOSUS** (Laurillard). Western Defassa Waterbuck

[*Antilope*] *unctuosa* Laurillard, D'Orbigny's Dictionnaire Univ. d'Hist. Nat., 1:  
 622, 1842. Senegal.

*A[ntelope] koba* Ogilby, Penny Cyclopaedia, 2: 79, fig., 1834, not of Erxleben. Senegal.

*Kolus* (sic) *sing sing* Gray, List Spec. Mamm. Brit. Mus., p. 159, 13 May 1843; in part. East Africa.

*Antelope defassa*, var.  $\beta$ , *senegalensis* Wagner, Schreber's Säugthiere, Suppl., 5: 435, 1855; based on Gray, Ann. Mag. Nat. Hist. (2) 8: 213, Sep. 1851, as to animal of Senegal.

See F. Cuvier, Dict. d. Sci. Nat. 2: 235, *A. senegalensis*.

*Cobus onctuosus* Trouessart, Cat. Mamm. Viv. Foss., new ed., pt. 6, p. 929, 1898, errorim.

The status of the following named races is uncertain:

KOBUS DEFASSA ADOLFI-FRIDERICI Matschie

*K[obus] adolfi-friderici* Matschie, Weidwerk in Wort u. Bild, 15: 234, 1906; Sitzb. Ges. Naturf. Freunde, p. 409, 1910. Upper Orangi, south of Ikoma, Tanganyika Territory.

There is "apparently some doubt as to the specific identity" of this form since "the description is based on the head alone, and the two waterbucks, *defassa* and *ellipsiprymnus*, are, in very many cases, not surely identifiable by the characters of the skull and horns" (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 108, 1924).

KOBUS DEFASSA AVELLANIFRONS Matschie

*Kobus defassa avellanifrons* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 419, 1910. Lume, 3.5 hours from Beni on the road to Kasindi, west of Mt. Ruwenzori, Congo Belge.

KOBUS DEFASSA COTTONI Matschie

*Kobus defassa cottoni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 420, 1910. Kasindi, near mouth of Semliki River, Lake Albert Edward, Congo Belge.

*Kobus defassa dianæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 421, 1910. Sassa River about ten miles from Kasindi, east side of Lake Albert Edward, Congo Belge.

KOBUS DEFASSA UWENDENSIS Matschie

*Kobus unctuosus uwendensis* Matschie, Mitth. Zool. Mus. Berlin, 5: 570, Aug. 1911. Isawa, east coast of Lake Tanganyika, 7° 18' S., 30° 35' E., Tanganyika Territory.

KOBUS VENTERÆ (Broom)

*Cobus venteræ* Broom, Ann. South African Mus., 12: 15, text-f. 3, 30 May 1913. Haagenstad saltpan, about 30 miles north of Bloemfontein, Orange Free State; extinct.

## ONOTRAGUS Gray. Lechwes

*Onotragus* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 17, 1872. P. L. Slater and Thomas, Book of Antelopes, 2: pt. 6, p. 95, Aug. 1896 (type fixed).  
Genotype *Adenota lechwe* Gray.

*Onototragus* Heller, Smithsonian Misc. Coll., 61: no. 7, p. 12, 31 July 1913; errorim.

*Kobus*, *Cobus*, *Adenota*, *Heleotragus*, in part, of authors. Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 2: 246, 1914) regard the Lechwes as forming a subgenus, *Onotragus*, of *Kobus*.

## ONOTRAGUS LECHE LECHE (Gray). Lechwe

*Kobus lechè* Gray, Gleanings from Menagerie at Knowsley Hall, 2: 23, 1850.  
Zoaga River, near Lake Ngami, Bechuanaland, lat. 21° S.

*Adenota lechè* Gray, Cat. Spec. Mamm. Brit. Mus., pt. 3, Ungulata Furci-peda, p. 98, 1852. South Africa, banks of River Zouga, lat. 22° S.

*Cobus lechi* Buckley, Proc. Zool. Soc. London, p. 291, Aug. 1876.

*Cobus lechwe* W. Rothschild, Proc. Zool. Soc. London, p. 237, 1 Aug. 1907.

*Cobus robertsi* W. Rothschild, Proc. Zool. Soc. London, p. 237, 1 Aug. 1907.

Between Lakes Mweru and Bangweolo, Northern Rhodesia.

Probably a melanistic phase of *Onotragus leche*, which occurs in the same locality.

Range: From Zambesia to northwestern Rhodesia (Barotsiland) and Nyasaland, westward to Angola (Lydekker and Blaine, 1914).

## ONOTRAGUS LECHE SMITHEMANI (Lydekker). Black Lechwe

*Cobus smithemani* Lydekker, Proc. Zool. Soc. London, for 1899, p. 982, pl. 71, 1 Apl. 1900. Borders of Lake Mweru, Barotsiland, Northern Rhodesia.

Range: The immense marshes surrounding Lakes Bangweolo, Mweru, and Tumbwa, Northern Rhodesia, to Lualaba River, Congo Belge.

## ONOTRAGUS LECHE NOTATUS Matschie

*Onotragus leche notatus* Matschie, Deutsche Jaeger-Zeitung, 59: 119, 1912.  
Caprivi Peak, Southwest Africa.

## ONOTRAGUS MEGACEROS (Fitzinger). Nile or Mrs. Gray's Lechwe

*Adenota megaceros* Fitzinger (ex Heuglin MS.), Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 17: 247, 1855. Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 30: no. 2, p. 14, pl. 2, f. 7, 8, 1863. Sobat, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

For use of this name in place of *Kobus maria* Gray, see Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 109, 1924.

*Kobus maria* Gray, Ann. Mag. Nat. Hist. (3) 4: 296, text-f., Oct. 1859. Awan, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

*Cobus mariæ* Ward, Records of Big Game, ed. 1, p. 91, 1892.

## PELEA Gray. Vaal Rhebok

*Pelea* Gray, Proc. Zool. Soc. London, for 1850, p. 126, 24 Feb. 1851. As a subgenus of *Eleotragus* = *Redunca*; type *Antilope capreolus* Bechstein. Not preoccupied by *Pelia* Gistel, 1848, in Diptera.

*Antilope*, *Cemas*, *Redunca*, *Eleotragus*, *Cervicapra*, *Calotragus*, in part, of older authors.

PELEA CAPREOLUS (Bechstein). Gray or Vaal Rhebok

*Antilope capreolus* Bechstein, Uebersicht d. Vierfüssige Thiere, 1: 98, 1799; 2: 646, 1800. Cape of Good Hope.

*A[ntilope] lanata* Desmoulins, Dictionnaire Class. d'Hist. Nat., 1: 445, 1822. Cape of Good Hope.

*Antilope villosa* Burchell, Travels in Interior of South Africa, 2: 302, footnote, 1824. Cape of Good Hope, cotypes from Zoetmilks Valley, Swellendam, and Mossel Bay.

## REDUNCA Hamilton Smith. Reedbucks

*Redunca* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 337, 1827.

As a subgenus of *Antilope*; type *Antilope redunca* Pallas.

*Cervicapra* Blainville, Bull. des Sci. Soc. Philomatique, Paris, p. 75, 1816; not *Cervicapra* Sparrman, 1780. Genotype *Antilope redunca* Pallas (see Palmer, T. S., North Amer. Fauna, no. 23, p. 173, 1904).

*Nagor* Laurillard, in D'Orbigny's Dictionnaire Univ. d'Hist. Nat., 1: 621, 1842.

As a subgenus of *Antilope*; type *Antilope redunca* Pallas.

*Eleotragus* Gray, List Spec. Mamm. Brit. Mus., pp. xxvi, 165, 13 May 1843.

Genotype *Antilope isabellina* Afzelius = *Antilope arundinum* Boddært (see P. L. Selater and Thomas, Book of Antelopes, 2: pt. 8, p. 155, Mar. 1897).

Regarded by Lydekker and Blaine (1914) as a valid subgenus for *Redunca arundinum* and its races.

*Heleotragus* Kirk, Proc. Zool. Soc. London, for 1864, p. 657, May 1865, emendation.

*Oreodorcas* Heller, Smithsonian Misc. Coll., 60: no. 8, p. 13, 2 Nov. 1912. Genotype *Redunca fulvorufula* Afzelius.

For key to the reedbucks, see Blaine, G., Some notes on the reedbucks, with a description of two new subspecies: Ann. Mag. Nat. Hist. (8) 11: 287-291, Mar. 1913.

REDUNCA ARUNDINUM ARUNDINUM (Boddært). Rietbok or Reedbuck

*Antilope arundinum* Boddært, Elenchus Animalium, p. 141, 1785. Cape of Good Hope.

*Antilope eleotragus* Schreber, Säugthiere, pl. 266, and text, 1787; 5: 1225, 1836.

*Antilope cærulescens* Link, Beiträge z. Naturgesch., 2: 99, 1797.

*Antilope arundinacea* Bechstein, Uebersicht d. Vierfüssige Thiere, 2: 81, 1799.

*Antilope cinerea* Bechstein, Uebersicht d. Vierfüssige Thiere, 2: 643, 1800.

*Antilope isabellina* Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 250, 1815.

In mountains, Cape of Good Hope.

*A[ntilope] oleotragus* Desmoulins, Dictionnaire Class. d'Hist. Nat., 1: 446, 1822.

"La Cafrérie" = South Africa.

*Redunca isabellina multiannulata* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, 59: sect. 1, p. 169, 1869. Port Natal, Natal. Based on the *Cervicapra isabellina*, var.  $\beta$  of Sundevall.

*Redunca isabellina caffra* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, 59: sect. 1, p. 169, 1869. Kaffirland, South Africa; based on *Cervicapra isabellina*, var.  $\gamma$  of Sundevall.

*Redunca isabellina algoënsis* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Kl., 59: sect. 1, p. 169, 1869. Algoa Bay, South Africa; based on *Cervicapra isabellina*, var.  $\delta$ , of Sundevall.

*Cervicapra thomasi* P. L. Selater, Proc. Zool. Soc. London, p. 429, pl. 26, 1 Oct. 1900. Songwé River, 6 miles from Lake Nyasa, Nyasaland.

*C[ervicapra] penricei* Lydekker, The Field (London), 116: 498, 3 Sep. 1910. Accidental renaming of *Cervicapra thomasi* P. L. Selater. Songwé River near its entrance into Lake Nyasa.

Range: Cape of Good Hope to Bahr-el-Ghazal, in the east, excluding northern Rhodesia and Bangweolo Flats (Lydekker and Blaine).

REDUNCA ARUNDINUM OCCIDENTALIS (W. Rothschild)

*Cervicapra arundineum occidentale* W. Rothschild, Proc. Zool. Soc. London, p. 237, 1 Aug. 1907. Near Fort Jackson, Northern Rhodesia.

Range: Northern Rhodesia to Bangweolo Flats.

REDUNCA REDUNCA REDUNCA (Pallas). Bohor Reedbuck

*Antilope redunca* Pallas, Spicilegia Zool., pt. 1, p. 8, 1767; pt. 12, p. 13, 1777. Gori Island, off Senegal; ex Buffon.

*Antilope reversa* Pallas, Miscellanea Zool., p. 5, 1776; not *Capra reversa* Linnaeus. No locality; based in part on Le Nagor of Buffon.

*Antilope rufa* Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 250, 1815. No locality.

*Redunca nagor* Rüppell, Mus. Senckenberg., 3: 182, 1842. Based on Buffon, vol. 12, pl. 36, 1769. "Senegal."

*Cervicapra redunca typica* Ward, Records of Big Game, ed. 5, p. 222, 1907.

REDUNCA REDUNCA BAYONI de Beaux

*Redunca redunca bayoni* de Beaux, Ann. Mus. Civ. Stor. Nat., Genova, (3) 9=49: 226, 10 July 1921. Bussu, central north shore of Lake Victoria, Uganda.



REDUNCA REDUNCA BOHOR Rüppell. Abyssinian Bohor Reedbuck

*Redunca bohor* Rüppell, Mus. Senckenburg., 3: 182, 1842. Abyssinia; based on *Antilope redunca* Rüppell, not Pallas.

*Cervicapra* (?) *odrob* Heuglin, Reise in Nordost-Afrika, 2: 109, 1877. Setit River, Anglo-Egyptian Sudan.

REDUNCA REDUNCA COTTONI (W. Rothschild). Sudan Bohor Reedbuck

*Cervicapra redunca cottoni* W. Rothschild, in Powell-Cotton's Sporting Trip through Abyssinia, app. 3, mamm., p. 470, 1902. Between Bahr-el-Zerafe and Bahr-el-Jebel, Kordofan.

*Capra redunca donaldsoni* W. Rothschild, in Powell-Cotton's Sporting Trip through Abyssinia, app. 3, mamm., p. 471, 1902. East of Lado near Sudan-Uganda boundary, and western Somaliland.

REDUNCA REDUNCA DIANÆ Schwarz

*Redunca redunca dianæ* Schwarz, Revue de Zool. et Bot. Africaines, 16: 420, 1 Apl. 1929. Garamba River, northwestern Aba, Uele River, Congo Belge.

REDUNCA REDUNCA NIGERIENSIS (Blaine)

*Cervicapra bohor nigeriensis* Blaine, Ann. Mag. Nat. Hist. (8) 11: 290, Mar. 1913. Ibi, northern Nigeria.

REDUNCA REDUNCA TOHI Heller

*Redunca redunca tohi* Heller, Smithsonian Misc. Coll., 61: no. 7, p. 10, 31 July 1913. Mariakani, Kenya Colony.

REDUNCA REDUNCA UGANDÆ (Blaine)

*Cervicapra bohor ugandæ* Blaine, Ann. Mag. Nat. Hist. (8) 11: 291, Mar. 1913. Ankole, southwestern Uganda.

REDUNCA REDUNCA WARDI (Thomas)

*Cervicapra redunca wardi* Thomas, Ann. Mag. Nat. Hist. (7) 6: 304, Sep. 1900. Mau plateau, Kenya Colony.

REDUNCA FULVORUFULA FULVORUFULA (Afzelius). Mountain Reedbuck; Rooi Rhebok.

*Antilope fulvorufula* Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 250, 1815. Eastern Cape of Good Hope.

*A[ntilope] lalandia* Desmoulins, Dictionnaire Classique d'Hist. Nat., 1: 445, 1822. Cape of Good Hope, in the mountains.

*Antilope landiana* Desmarest, Encyclop. Méthodique, Mammalogie, 2: 462, 1822. Cape of Good Hope.

*C[ervicapra] eleotragus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 194, 1846; not of Blainville. South Africa.

*Cervicapra fulvorufula subalbina* Kirby, Proc. Zool. Soc. London, for 1897, p. 897, 1 Apl. 1898. Steenkamp Mountain, 12 miles west of Kruger's Post, Lydenburg district, Transvaal. Based on an albinistic animal.

REDUNCA FULVORUFULA CHANLERI (W. Rothschild). Chanler's Mountain Reedbuck

*Cervicapra chanleri* W. Rothschild, Novitates Zool., 2: 53, 1 Feb. 1895. Jambeni Mts., about 45 miles northeast of Mt. Kenya, Kenya Colony (originally given as Jahnbogne Range, Central East Africa).

*Cervicapra fulvorufula chanleri* F. J. Jackson, Great and Small Game of Africa, p. 317, 1899.

REDUNCA FULVORUFULA SCHOANA (Neumann). Shoa Mountain Reedbuck

*Cervicapra fulvorufula schoana* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 99, 1902. Mountains about Lake Abaya and Gandjule, Abyssinia (Ethiopia).

*Redunca fulvorufula shoana* Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 224, 1914, characters given. Shoa.

### Subfamily ÆPYCEROTINÆ

#### ÆPYCEROS Sundevall. Impalla

*Æpyceros* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 271, 1847. Genotype *Antilope melampus* Lichtenstein.

*Æpycceras* Elliot, Publ. Field Columbian Mus., zool. ser., 8: 71, 1907; emendation.

ÆPYCEROS MELAMPUS MELAMPUS (Lichtenstein). Impalla

*Antilope melampus* Lichtenstein, Reise, 2: 544, pl. 4, 1812; Mag. Ges. Naturf. Freunde, Berlin, 6: 167, 1812. Klipfontein, Little Namaqualand, Cape of Good Hope.

*Antilope pallah* Gervais (ex Cuvier), Dictionnaire d. Sci. Nat., 1: pt. 2, p. 261, 1841. Senegal.

*Æ[pycceros] m[elampus] typicus* Thomas, Proc. Zool. Soc. London, for 1892, p. 553, Apl. 1893.

ÆPYCEROS MELAMPUS JOHNSTONI Thomas. Nyasa Impalla

*Æpyceros melampus johnstoni* Thomas, Proc. Zool. Soc. London, for 1892, p. 553, Apl. 1893. Zomba, Nyasaland.

*Æpiceros melampus holubi* Lorenz, Ann. K. K. Naturhist. Hofmus. Wien, 9: Notizen, p. 62, 1894. North of the Zambesi.

Regarded as inseparable from typical *melampus* by Lönnberg (Revue Zool. Africaine, 3: 278, 20 Jan. 1914); and by Matschie as a synonym of *Æ. m. suara* Matschie.

*ÆPYCEROS MELAMPUS KATANGÆ* Lönnberg

*Æpyceros melampus katangæ* Lönnberg, Revue Zool. Africaine, 3: 276, 20 Jan. 1914. Katanga, Congo Belge.

*ÆPYCEROS MELAMPUS PETERSI* Bocage. Angola Impalla

*Æpyceros petersi* Bocage, Proc. Zool. Soc. London, for 1878, p. 741, Apl. 1879. Capangombe and Humbe, Angola.

*ÆPYCEROS MELAMPUS RENDILIS* Lönnberg. Kenya Impalla

*Æpyceros melampus rendilis* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 48: no. 5, p. 164, pl. 14, f. 3, 4, 26 June 1912. Thornbush country north of Northern Guaso Nyiro, Kenya Colony.

*ÆPYCEROS MELAMPUS SUARA* (Matschie)

*Strepsiceros suara* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 135, 1892. Gonda and Ugalla River, Tanganyika Territory.

Based on the horns of a Lesser Kudu and the skin of an Impalla, according to Lydekker and Blaine; the skin should be regarded as the lectotype.

## Subfamily ANTILOPINÆ

## ANTIDORCAS Sundevall. Springboks

*Antidorcas* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 271, 1847. Genotype *Antilope euchore* Forster = *Antilope marsupialis* Zimmermann.

*Antilope*, *Capra*, *Cemas*, *Cerophorus*, *Gazella*, in part, of older authors.

## ANTIDORCAS MARSUPIALIS MARSUPIALIS (Zimmermann). Springbok

*Antilope marsupialis* Zimmermann, Geogr. Geschichte, 2: 427, 1780. Cape of Good Hope; "probably southern Cape Colony" (Lydekker and Blaine, Cat. Ruminant Mamm. Brit. Mus., 3: 111, 1914).

*Antilope saccata* Boddært, Elenchus Anim., p. 142, 1785. Cape of Good Hope.

*Antilope euchore* J. R. Forster, in Levaillant, Erste Reise Afrika, p. 159, 1792. South Africa.

*Antilope saltans* Kerr, Linnæus's Animal Kingd., p. 312, 1792. Cape of Good Hope.

*Capra pygargus* Thunberg, Voyages au Japon, par le Cap de Bonne-Espérance, 2: 28, footnote, 1796. Cape of Good Hope.

*Antilope saltatrix* Link, Beyträge z. Naturgesch., p. 99, 1797, not of Boddært.

*Antilope dorsata* Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: Tabl. Méthodique d. Mamm., p. 33, 1804; Nouv. Dictionnaire d'Hist. Nat., 2: 185, 1816. Cape of Good Hope. (The name is credited by Desmarest to Lacépède.)

*Antilope saliens* Desmarest, Dictionnaire d'Hist. Nat., ed. 1: 24, Tabl. Méthodique d. Mamm., p. 33, 1804; Nouv. Dictionnaire d'Hist. Nat., 2: 185, 1816. Cape of Good Hope. (The name is credited by Desmarest to Lacépède.)

ANTIDORCAS MARSUPIALIS ANGOLENSIS Blaine. Angolan Springbok

*Antidorcas angolensis* Blaine, Proc. Zool. Soc. London, p. 335, pl. 7, f. A; pl. 8, f. A, 28 June 1922. Coastal belt between Benguela and Mossamedes, Angola.

ANTIDORCAS MARSUPIALIS CENTRALIS Lydekker and Blaine

*Antidorcas marsupialis centralis* Lydekker and Blaine, Cat. Ruminant Mamm. Brit. Mus., 3: 111, 112, text-f. 21, 1914 (after June). Deelfontein, Cape of Good Hope.

ANTIDORCAS MARSUPIALIS HOFMEYRI Thomas

*Antidorcas angolensis hofmeyri* Thomas, Proc. Zool. Soc. London, p. 311, 29 Apl. 1926. Berseba, Namaqualand, Southwest Africa.

### GAZELLA Blainville. Gazelles

*Gazella* Blainville, Bull. des Sci. Soc. Philomathique, Paris, p. 75, May 1816. Genotype *Capra dorcas* Linnaeus.

See Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 114, 1924; also on the use of the name *Gazella* Blainville, see Opinion 108 rendered by the International Commission of Zoological Nomenclature (Smithsonian Misc. Coll., 73: no. 6, p. 15, 8 June 1929).

*Dorcas* Gray, London Med. Repository, 15: 307, 1 Apl. 1821. Genotype *Capra dorcas* Linnaeus.

*Leptoceros* Wagner, Schreber's Säugthiere, Suppl., 4: 422, 1844. As a subgenus of *Antilope*; type *Antilope leptoceros* F. Cuvier. Preoccupied by *Leptoceros* Leach, 1817, in Neuroptera.

*Eudorcas* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 159, Feb. 1869. Genotype *Gazella lavipes* Sundevall, var. *a*.

*Korin* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 39, 1872. As a subgenus of *Gazella*; type *Gazella rufifrons* Gray.

*Nanger* Lataste, Actes Soc. Linn. Bordeaux, (4) 9=39: 183, 1885. Genotype *Antilope (Dama) mhorh* Bennett.

*Matschiea* Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 57, 1 text-f., Jan. 1907. Genotype *Gazella granti* Brooke.

Note: *Gazella hayi* Lydekker, Abstract Proc. Zool. Soc. London, no. 98, p. 38, 20 June 1911; Proc. Zool. Soc. London, p. 958, text-f. 193, A, 15 Dec. 1911, is a synonym of *G. fuscifrons* of eastern Persia, the supposed locality, Algeria, having been given through an accidental transposition of labels (see Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 49, 1914).

## Subgenus GAZELLA Blainville

GAZELLA CUVIERI (Ogilby). Edmi or Atlas Gazelle

*Gazella corinna* Cuvier, Ménagerie du Mus. d'Hist. Nat., Paris, p. 142, 1817; Loche, Cat. Mamm. et Oiseaux observ. en Algérie, p. 14, 1858; not of Pallas. "Le sud de l'Algérie."

[*Antilope*] *cuvieri* Ogilby, Proc. Zool. Soc. London, for 1840, p. 35, Jan. 1841. Mogador, Morocco.

*Gazella vera* Gray, Gleanings from Menagerie at Knowsley Hall, 2: pl. 3, 1850.

[*Gazella*] *cineraceus* Temminck, Esquisses Zool. sur la Côte de Guinée, p. 193, 1853. Based on the "Kevel gris" of F. Cuvier, Hist. Nat. des Mamm., 3: pt. 57, 1827. No locality.

*Gazella kevela* Tristram, The Great Sahara, p. 387, 1860.

*Dorcas subkevela* Pomel, Carte Géol. Algérie, Paléontol., Antilopes, 1895.

*Dorcas setifensis* Pomel, Carte Géol. Algérie, Paléontol., Antilopes, 1895.

Range: Mountainous districts of Morocco, Algeria and Tunisia.

GAZELLA DORCAS DORCAS (Linnæus). Dorcas Gazelle

*Capra dorcas* Linnæus, Syst. Nat., ed. 10, 1: 69, 1758. Lower Egypt (see Blaine, G., Ann. Mag. Nat. Hist. (8) 11: 292, Mar. 1913).

*Antilope corinna* Pallas, Miscellanea Zool., p. 7, 1766. Based on La Corine of Buffon, Hist. Nat., 12: 261, pl. 27, pl. 31, f. 3, 4, 1764.

*Antilope kevela* Pallas, Miscellanea Zool., p. 7, 1766. Africa implied; based on Le Kevel of Buffon, Hist. Nat., 12: 258, pl. 26, 1764.

*C[emas] maculata* Oken, Lehrbuch d. Naturgesch., 3: zool., sect. 2, p. 738, 1816. Senegal.

*Gazella dorcas sundevalli* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 159, 1869. North Africa. Based on *Gazella dorcas*, var.  $\gamma$ , Sundevall.

Range: Rio de Oro to Egypt and the Anglo-Egyptian Sudan.

GAZELLA DORCAS BECCARII de Beaux

*G[azella] isabella beccarii* de Beaux, Ann. Mus. Civ. Stor. Nat., Genova, 55: 210, 12 Oct. 1931. Barka, Dancalia, Ethiopia.

GAZELLA DORCAS ISABELLA Gray. Isabelline Gazelle

*Gazella isabella* Gray, Ann. Mag. Nat. Hist. (1) 18: 214, 231, Sep. 1846. Type locality fixed as Abyssinia (see Blaine, G., Ann. Mag. Nat. Hist. (8) 11: 292, Mar. 1913).

*Antilope dorcas*,  $\alpha$  *isidis* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 267, 1847. Sennaar, Nubia, Egypt.

*Gazella isabellina* Lydekker, Horns and Hoofs, p. 232, 1893.

## GAZELLA DORCAS LITTORALIS Blaine. Eritrean Gazelle

*Gazella littoralis* Blaine, Ann. Mag. Nat. Hist. (8) 11: 295, Mar. 1913. Khora-sot, Nubian Desert, Egypt.

On the subspecific status of this gazelle, see Cabrera, A., Journ. Mamm., 9: 242, footnote, 9 Aug. 1928.

## GAZELLA DORCAS MASSÆSYLA Cabrera

*Gazella dorcas massæsyala* Cabrera, Journ. Mammalogy, 9: 242, 9 Aug. 1928.

High plateaus of the Rif, Morocco, south of Spanish-French frontier.

*G[azella] dorcas cabrerai* Joleaud, Bull. Soc. Zool. de France, Paris, 54: 440, 9 Nov. 1929. Proposed as a substitute for *Gazella dorcas massæsyala* Cabrera in the belief that this is preoccupied by *Gazella massæsilia* Pomel, Carte Géol. de l'Algérie, Les Antelopes, p. 21, 1894; but under the International code, art. 36 and opinion 25, this is not the case.

## GAZELLA DORCAS NEGLECTA Lavauden

*Gazella dorcas neglecta* Lavauden, Bull. Soc. d'Hist. Nat. de l'Afrique du Nord, Algiers, 17: 16, text-f. 1 (map), 2, no. 1 (horns), 15, Jan. 1926. Plateau de Tadmeit, central Sahara, Algeria.

Lavauden distinguishes two types of horns, *crassicornis et gracilicornis*, occurring in the same herds (ibid., p. 18).

## GAZELLA DORCAS OSIRIS Blaine

*Gazella littoralis osiris* Blaine, Ann. Mag. Nat. Hist. (8) 11: 295, Mar. 1913. Nakheila, near junction of Atbara with the Nile, Upper Egypt.

Possibly this and the preceding are races of *G. dorcas*.

## GAZELLA LEPTOCEROS LEPTOCEROS (F. Cuvier). Rhim

*Antilope leptoceros* F. Cuvier, in E. Geoffroy & F. Cuvier, Hist. Nat. des Mamm., 4: pt. 72, pls. 424, 425, Aug. 1842. "Typical locality apparently Sennar," Anglo-Egyptian Sudan (Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 68, 1914).

*Leptoceros abu harab* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 160, 1869. Based on *Gazella abuharab* Heuglin, 1861, pl. 1; Libyan desert.

*Leptoceros cuvieri* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 160, 1869. Based on *Antilope leptoceros* F. Cuvier.

*Gazella leptoceros typica* P. L. Selater and Thomas, Book of Antelopes, 3: 149, June 1898.

## GAZELLA LEPTOCEROS LODERI Thomas. Loder's or White Gazelle

*Gazella loderi* Thomas, Ann. Mag. Nat. Hist. (6) 13: 452, May 1894; Proc. Zool. Soc. London, p. 470, text-f. 2, pl. 32, Oct. 1894. Sand dunes of Oued Souf, 100 miles south of Biskra, Algeria.



*Gazella leptoceros loderi* Lavauden, Bull. Soc. d'Hist. Nat. de l'Afrique du Nord, Algiers, 17: 20, 15 Jan. 1926.

GAZELLA PELZELNII Kohl. Pelzeln's Gazelle

*Gazella pelzelinii* Kohl, Sitzb. K. K. Zool.-Bot. Ges., Wien, 36: 4, Jan. 1886; Ann. K. K. Naturhist. Hofmus. Wien, 1: 70, pl. 3, left-hand f.; pl. 4, f. 1, 1886. Maritime plains of Berbera, northern Somaliland.

GAZELLA RUFIFRONS RUFIFRONS Gray. Korin or Red-fronted Gazelle

*Gazella rufifrons* Gray, Ann. Mag. Nat. Hist. (1) 18: 214, Sep. 1846. Senegal. *Eudorcas laevipes senegalensis* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 159, 1869. Based on *Gazella laevipes*, var.  $\beta$  of Sundevall.

*Gazella rufifrons typica* Ward, Records of Big Game, ed. 6, p. 262, 1910.

GAZELLA RUFIFRONS CENTRALIS Schwarz

*Gazella rufifrons centralis* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 40, Jan. 1914. Magretta, near Melfi, Bagirmi, French Equatorial Africa.

GAZELLA RUFIFRONS HASLERI Pocock. Hasler's Red-fronted Gazelle

*Gazella rufifrons hasleri* Pocock, Abstract Proc. Zool. Soc. London, no. 100, p. 47, 31 Oct. 1912; Proc. Zool. Soc. London, p. 5, text-f. 2, 3, 13 Mar. 1912. Kano, northern Nigeria.

GAZELLA RUFIFRONS KANURI Schwarz

*Gazella rufifrons kanuri* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 40, Jan. 1914. Gulfei, lower Shari, northern Cameroons.

GAZELLA RUFIFRONS LAEVIPES (Sundevall). Eastern Red-fronted Gazelle

*A[ntilope] laevipes* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 266, 1847. Sennaar; Senegal.

*Gazella salmi* Lorenz, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 115: sect. 1, pt. 1, p. 21, Jan. 1906. Fashoda, Anglo-Egyptian Sudan.

*Gazella rufifrons laevipes* Lönnerberg, Novitates Zool., 21: 156, 25 Feb. 1914.

GAZELLA RUFINA Thomas. Red Gazelle

*Gazella rufina* Thomas, Proc. Zool. Soc. London, p. 467, text-f. 1, Oct. 1894. "Probably the interior of Algeria;" type bought at Algiers. Not a race of *Gazella rufifrons*, but a distinct species, according to Heim de Balsac.

Range: formerly in the mountainous districts of the Algerian Sahara; now believed to be extinct, though a few herds may still exist in the valley of the lower Chelif. (See Heim de Balsac, H., Suppl. au Bull. Biologique de France et de Belgique, 21: 88, 1936.)

## GAZELLA SPEKEI Blyth. Speke's Gazelle

*Gazella spekei* Blyth, Cat. Mamm. Mus. Asiatic Soc., Calcutta, p. 172, 1863; based on heads presented by Capt. Speke in 1855, described in Journ. Asiatic Soc. Bengal, (2) 24: 297, 1855. (Interior plateau of) Somaliland.

## GAZELLA THOMSONII THOMSONII Günther. Thomson's Gazelle

*Gazella thomsonii* Günther, Ann. Mag. Nat. Hist. (5) 14: 427, text-f., Dec. 1884. Kilimanjaro district, Kenya Colony.

*Eudorcas bergeri* Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 116, Mar. 1910. Near Nairobi, Kenya Colony.

*Eudorcas wembarensis* Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 119, Mar. 1910. Wembere plains, Tanganyika Territory.

Doubtless a synonym of *Gazella t. thomsonii*.

*Eudorcas thomsoni macrocephala* Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 68, Apl. 1914. Wembere Valley, Tanganyika Territory.

Doubtless a synonym of *Gazella t. thomsonii*.

*Eudorcas thomsoni marwitzi* Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 71, Apl. 1914. Northern Wembere plains, Tanganyika Territory.

Doubtless a synonym of *Gazella t. thomsonii*.

*Eudorcas thomsoni thomsoni* var. *arushae* Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 77, pl. 1, f. 4; pl. 2, f. 4; pl. 3, f. 4, Apl. 1914. South of Mt. Meru, Arusha, Tanganyika Territory.

*Eudorcas schillingsi* Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 113, Mar. 1910. Between Natron Lake and Kilimanjaro, Tanganyika Territory.

*Eu[dorcas] sabakiensis* Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 115, Mar. 1910. Eastern Ndjiri swamp, near Mt. Kilimanjaro, Tanganyika Territory.

*Eudorcas ndjiriensis* Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 115, Mar. 1910. Western Ndjiri swamp, near Mt. Kilimanjaro, Tanganyika Territory.

*Eudorcas manyaræ* Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 120, Mar. 1910. Hohenlohe Lake, south of Lake Eyasi, Tanganyika Territory.

Doubtless a synonym of *Gazella t. thomsonii*.

*Eudorcas thomsoni bergerinæ* Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 80, pl. 1, f. 5; pl. 2, f. 5; pl. 3, f. 5, Apl. 1914. South of Mt. Meru, Tanganyika Territory.

## GAZELLA THOMSONII ALBONOTATUS W. Rothschild. Mongalla Gazelle

*Gazella albonotata* W. Rothschild, Novitates Zool., 10: 480, pl. 15, f. 2-4, 20 Dec. 1903. East side of White Nile, 40 miles north of Kero or Kiri, Mongalla Province, Anglo-Egyptian Sudan.

"Possibly this gazelle may be a northern race of *G. thomsonii*" (Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 83, 1914).

## GAZELLA THOMSONII NASALIS Lönnberg

*Gazella thomsoni nasalis* Lönnberg, Wiss. Ergebn. d. Schwedischen Zool. Exped. nach Kilimandjaro unter Leitung v. Sjöstedt, no. 2, Mamm., p. 46, 1908. Northern Kenya Colony.

Based on "the northern variety" as figured in P. L. Selater and Thomas's Book of Antelopes, 2: no. 11, pl. 68, June 1898.

*Eudorcas baringoensis* Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 109, Mar. 1910. Solei Lake, near Lake Baringo, Kenya Colony.

*Eudorcas nakuroensis* Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 110, Mar. 1910. Lake Nakuro, Kenya Colony.

*Eudorcas thomsoni dongilanensis* Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 74, 1914. Dongilani plains, Southern Guaso Nyiro, Kenya Colony.

## GAZELLA THOMSONII RUWANÆ (Knottnerus-Meyer)

*Eudorcas ruwanæ* Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 121, Mar. 1910. Ruwana steppe, east of Lake Victoria, Tanganyika Territory.

*Eudorcas biedermanni* Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 111, Mar. 1910. Schirati, east shore of Lake Victoria, Tanganyika Territory.

"Doubtless synonymous with *ruwanæ*" (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 118, 1924).

*Eudorcas langheldi* Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 111, Mar. 1910. Usukuma, south of Lake Victoria, Tanganyika Territory.

Doubtless a synonym of *G. t. ruwanæ*.

*Eudorcas mundorosica* Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 117, Mar. 1910. Mundorosi plains, Tanganyika Territory.

"Doubtless synonymous with *ruwanæ*" (Hollister).

*Eudorcas thomsoni behni* Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 61, pl. 1, f. 1; pl. 2, f. 3; pl. 3, f. 3, Apl. 1914. South of Ikoma, Tanganyika Territory.

*Eudorcas thomsoni dieseneri* Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 63, pl. 1, f. 2; pl. 2, f. 2; pl. 3, f. 1, 2, Apl. 1914. Moamara, left side of the middle Moame, south of Nera, Tanganyika Territory.

*Eudorcas thomsoni seringetica* Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 93, Apl. 1914. Seringeti plains, Tanganyika Territory.

"Doubtless synonymous with *ruwanæ*" (Hollister).

*Gazella thomsonii ruwanæ* Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 118, 1924. A valid race.

See Zukowsky, L., Arch. f. Naturgesch., 80: sect. A, pt. 1, pl. 1, f. 3; pl. 2, f. 1, Apl. 1914, for figures of type skull.

## GAZELLA TILONURA (Heuglin). Heuglin's Gazelle

*Antilope melanura* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Jena, 30: no. 2, p. 6, 1863. Plains near Ain-Saba, Bogosland, Abyssinia. Not *Antilope melanura* Bechstein.

*Antilope tilonura* Heuglin, Reise in das Gebiet d. Weissen Nil, p. 315, 1869; Reise in Nordost-Afrika, 2: 101, 1877. Anseba region, Bogosland, Abyssinia.

New name for *Antilope melanura* Heuglin (not of Bechstein).

### Subgenus NANGER Lataste

*Nanger* Lataste, Actes Soc. Linn. Bordeaux, (4) 9=39: 297, 1885. Type *Antilope (Dama) mhorrr* Bennett.

*Matschiea* Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 57, text-f., Jan. 1907. Type *Gazella granti* Brooke.

GAZELLA DAMA DAMA (Pallas). The Nanger; Dama, Mhorrr, or Addra Gazelle *Antilope dama* Pallas, Miscellanea Zool., p. 5, 1766. Africa. Probably the vicinity of Lake Chad (Neumann).

*Antilope nanguer* Bennett, Proc. Zool. Soc. London, p. 2, 17 May 1833; Trans. Zool. Soc. London, 1: 7, 14 Aug. 1833. Senegal.

*A[ntilope] dama* var. *occidentalis* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 266, 1847. Senegal; Morocco.

*Gazella dama typica* Bryden, Great and Small Game of Africa, p. 367, 1899.

GAZELLA DAMA DAMERGOUENSIS W. Rothschild

*Gazella dama damergouensis* W. Rothschild, Novitates Zool., 28: 76, 14 May 1921. Takoukout, Damergou, French West Africa.

*Gazella dama weidholzi* Zimara, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 144: sect. 1, no. 1-2, p. 16, 1935. Hombori, French West Africa.

GAZELLA DAMA LOZANOI Morales Agacino

*Gazella dama lozanoi* Morales Agacino, Bol. Soc. Española Hist. Nat., Madrid, 34: 454, pl. 35, f. 1; pl. 36, f. c, Dec. 1934. Cape Juby, Rio de Oro.

See key to races, p. 455, and pattern diagrams, pl. 36, of above article.

GAZELLA DAMA MHORR (Bennett). The Mhorrr

*Antilope mhorrr* Bennett, Proc. Zool. Soc. London, p. 1, 17 May 1833; Trans. Zool. Soc. London, 1: 7, pl. 1, 14 Aug. 1833. Wednun, near Tafilat, Mogador, southern Morocco.

*Antilope mhoks* Lesson, Hist. Nat. Mamm. et Oiseaux deser. depuis Buffon, 10: 288, 1836. Mogador.

*A[ntilope] doria* Ogilby, Proc. Zool. Soc. London, for 1836, p. 121, 20 Feb. 1837. No description, but Ogilby says "the beautiful species mentioned by Mr. Bennett (Proc. Zool. Soc. [London], 1833, p. 1) which . . . I hope shortly to have an opportunity of describing in detail under the name of *A[ntilope] doria*." The description referred to is that of the Mhorrr, although he perhaps meant to have referred to the Cross-striped Duiker, *Cephalophus zebra* Gray.

*Gazella mohr* Gray, Ann. Mag. Nat. Hist. (1) 18: 231, Oct. 1846; emendation.  
Range: Restricted to southwestern Morocco.

GAZELLA DAMA PERMISTA Neumann. Senegambian Mhorr

*Gazella dama permista* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 239, 1906. Senegal.

*G[azella] mhorrr reducta* K. Heller, Sitzb. Naturwiss. Ges. Isis, Dresden, for 1906, p. 15, 1907. Locality unknown.

"May be inseparable from" *Gazella dama permista* Neumann (see Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 106, 1914), but regarded as applying to the animal of the right bank of the Niger by Zimara (Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Kl., 144: sect. 1, no. 1-2, p. 9, 17, 18 (key), 1935.

GAZELLA DAMA RUFICOLLIS (Hamilton Smith). Addra or Kordofan Gazelle

*A[ntilope] ruficollis* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 205, 1827. "Nubia," i.e., Dongola district, eastern Anglo-Egyptian Sudan.

*Antilope addra* Bennett, Proc. Zool. Soc. London, p. 2, 17 May 1833; Trans. Zool. Soc. London, 1: 7, 14 Aug. 1833. Nubia and Kordofan.

*A[ntilope] dama* var. *orientalis* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 266, 1847. Sennaar, Egypt.

GAZELLA GRANTI GRANTI Brooke. Grant's Gazelle

*Gazella granti* Brooke, Proc. Zool. Soc. London, p. 602, pl. 41, ?Nov. 1872.  
Western Kinyenye, Ugogo, Tanganyika Territory.

*Gazella granti typica* A. H. Neumann, Great and Small Game of Africa, p. 355, 1899.

Range: Supposed to be confined to the Ugogo district.

Key to the races of *Gazella granti*: Heller, E., Smithsonian Misc. Coll., 61: no. 7, p. 7, 31 July 1913.

GAZELLA GRANTI BRIGHTI Thomas. Bright's Gazelle

*Gazella granti brighti* Thomas, Proc. Zool. Soc. London, for 1900, p. 805, 1 Apl. 1901. Anglo-Egyptian Sudan, 150 miles east of Lado, 5° 20' N., 34° 5' E.

*G[azella] g[ranti] smithi* Thomas, Proc. Zool. Soc. London, for 1900, p. 806, 1 Apl. 1901; *lapsus calami* for *brighti*, see Thomas, O., Proc. Zool. Soc. London, p. 120, footnote, 1 Oct. 1903.

GAZELLA GRANTI LACUUM Neumann

*Gazella grantii lacuum* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 243, 1906. Suksuk River, south of Lake Zwai, southern Abyssinia.

GAZELLA GRANTI NOTATA Thomas

*Gazella grantii notata* Thomas, Ann. Mag. Nat. Hist. (6) 20: 479, Nov. 1897.  
West slope of Lorogi Mts., Kenya Colony.

## GAZELLA GRANTI PETERSII Günther. Peters's Gazelle

*Gazella petersii* Günther, Ann. Mag. Nat. Hist. (5) 14: 428, Dec. 1884; based on description of *Gazella granti* Peters, not Brooke, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 832, pl. 5, 1879. Gelidja near mouth of Osi and Tana Rivers, Kenya Colony.

*Gazella granti* var. *gelidjiensis* Noack, Zool. Garten, 28: 277, Sep. 1887. Wapokomo country, Gelidja, south of the mouth of the Tana River, Kenya Colony.

## GAZELLA GRANTI RAINEYI Heller

*Gazella granti raineyi* Heller, Smithsonian Misc. Coll., 61: no. 7, p. 6, 31 July 1913. Isiola River, Northern Guaso Nyiro, Kenya Colony.

## GAZELLA GRANTI ROBERTSI Thomas. Roberts's Gazelle

*Gazella granti robertsi* Thomas, Proc. Zool. Soc. London, 2: 119, text-f. 10, 11, 1 Oct. 1903. Near Mwanza, Speke Gulf, Lake Victoria, Tanganyika Territory.

## GAZELLA GRANTI ROOSEVELTI Heller. Roosevelt's Gazelle

*Gazella granti roosevelti* Heller, Smithsonian Misc. Coll., 61: no. 7, p. 4, 31 July 1913. Kitanga Farm, Athi plains, Kenya Colony.

## GAZELLA GRANTI SERENGETÆ Heller

*Gazella granti serengetæ* Heller, Smithsonian Misc. Coll., 61: no. 7, p. 5, 31 July 1913. Taveta, Kenya Colony.

## GAZELLA SOEMMERRINGII SOEMMERRINGII (Cretzschmar). Aoul or Sömmerring's Gazelle

*Antilope soemmerringii* Cretzschmar, Atlas zu Rüppell's Reise im Nordl. Afrika, Zool., Säugeth., p. 49, pl. 19, 1826. Eastern borders of Abyssinia (Ethiopia).

*Gazella soemmerringi typica* P. L. Selater and Thomas, Book of Antelopes, 3: pt. 12, p. 197, text-f. 81, Oct. 1898.

## GAZELLA SOEMMERRINGII BERBERANA (Matschie). Somali Aoul

*Antilope soemmerringi* (sic) *berberana* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 65, 1893. Berbera district, Somaliland.

## GAZELLA SOEMMERRINGII BUTTERI Thomas. Borani Gazelle

*Gazella s[oe]mmerringii* *butteri* Thomas, Abstract Proc. Zool. Soc. London, no. 1, p. 1, 20 Jan. 1904; Proc. Zool. Soc. London, 1: 4, text-f. 2, 9 June 1904. South of Daua River, Boran country, about 5° N., southern Abyssinia (Ethiopia).

For A. E. Butter



## GAZELLA SOEEMMERRINGII CASANOVÆ Matschie

*Gazella (Nanger) soemmerringii casanovæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 265, 1912. Northern Abyssinia, probably the Anseba Basin, Bogos country.

## GAZELLA SOEEMMERRINGII ERLANGERI Matschie

*Gazella (Nanger) soemmerringii erlangeri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 263, 1912. Hawash Valley, between Dadadschamalka and Filoa, 7 days east of Addis Ababa, Abyssinia.

## GAZELLA SOEEMMERRINGII SIBYLLÆ Matschie

*Gazella (Nanger) soemmerringii sibyllæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 261, 1912. Singa, Sennar, near Blue Nile, Anglo-Egyptian Sudan.

## LITOCRANIUS Kohl. Gerenuks

*Litocranius* Kohl, Ann. K. K. Naturhist. Hofmus., Wien, 1: 79, 1886. Genotype *Gazella walleri* Brooke.

*Lithocranius* Thomas, Proc. Zool. Soc. London, p. 207, 1 Aug. 1891; emendation.

## LITOCRANIUS WALLERI WALLERI (Brooke). Gerenuk or Waller's Gazelle

*Gazella walleri* Brooke, Proc. Zool. Soc. London, for 1878, p. 929, pl. 56, Apl. 1879. Tana River valley, Kenya Colony, about lat. 3° S., long. 38° E.

Range: Jubaland to Kageri Valley, Uganda, south to the Kilimanjaro district.

## LITOCRANIUS WALLERI SCLATERI Neumann. Somali Gerenuk

*Lithocranius sclateri* Neumann, Sitzb. Ges. Naturf. Freunde, p. 19, 1899. Berbera, British Somaliland.

## Subfamily ORYGINÆ

## ADDAX Rafinesque

*Addax* Rafinesque, Analyse de la Nature, p. 56, 1815. Genotype not named, "but evidently the *Addax* of the ancients" (Palmer, T. S., North Amer. Fauna, no. 23, p. 78, 23 Jan. 1904).

## ADDAX NASOMACULATUS NASOMACULATUS (Blainville). Addax

*Cerophorus (Gazella)* or *A[ntilope] nasomaculata* Blainville, Bull. des Sci. Soc. Philomatique, Paris, p. 75, 1816. Probably Senegambia.

*Antilope suturosa* Otto, Nova Acta Acad. Cæs. Leop.-Carol., Dresden and Halle, (2) 12: 519, pl. 48, 1825. No locality; brought by travelers from Alexandria to Venice.

*A[ntilope] mytilopes* Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 4: 204; 5: 330, 1827. "Guinea, or . . . West Africa."

*Antilope gibbosa* Savi, Mem. Sci. di Paolo Savi, Pisa, 1: 17, pl. [1], 1828. No locality.

ADDAX NASOMACULATUS ADDAX (Cretzschmar). Eastern Addax

*Antilope addax* Cretzschmar, Atlas zu Rüppell's Reise im Nördl. Afrika, Säugeth., p. 19, pl. 7, 1826. Desert south of Ambukol to the Haraza Oasis, Dongola.

Name revived by Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 3: 150, 1914) on the assumption that "the addax of the Eastern Sudan may be regarded as racially distinct from the typical addax of northwestern Africa, even if its distinctive features are not fully known."

### ÆGORYX Pocock. White Oryx

*Ægoryx* Pocock, Ann. Mag. Nat. Hist. (9) 2: 221, Sep. 1918. Genotype *Cemas algazel* Oken.

ÆGORYX ALGAZEL ALGAZEL (Oken). Scimitar Oryx

*C[emas] algazel* Oken, Lehrbuch d. Naturgesch., 3: pt. 2, p. 741, 1816, in part, based on Buffon, Hist. Nat., 12: 211, pl. 33, f. 1, 2, 1764. Upper Egypt, Aleppo, Libya, Ethiopia and Indian localities.

*A[ntilope] tao* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 189; 5: 327, 1827. "Some days journey's distance from the Bahar el Abiad," Anglo-Egyptian Sudan.

Cabrera (Trab. del Mus. Nac. de Cien. Nat., Madrid, zool. ser., no. 57, p. 355, 30 Dec. 1932) regards Oken's names in the Lehrbuch d. Naturgeschichte, 1816, as unavailable, and adopts the combination *Oryx tao* for this animal.

*A[ntilope] ensicornis* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 1, folio i, Aug. 1832 (nomen nudum). Dongola.

*Antilope algazella* Rüppell, Neue Wirbelthiere zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 26, 1835. Plains of Nubia to Fayûm, Egypt.

*Oryx leucoryx* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 201, 1843, and of other authors in part, but not *Antilope leucoryx* Pallas, 1777, the Arabian White Oryx.

*Antilope ensicornis* var.  $\beta$  *nubica* Wagner, Schreber's Säugthiere, Suppl., 5: 437, 1855; based on his *Antilope ensicornis*, *ibid.*, 4: 479, 1844. Nubia; i.e. Kordofan and Sennaar to Fayûm, Egypt.

*Antilope ensicornis* var.  $\gamma$  *senegalensis* Wagner, Schreber's Säugthiere, Suppl., 5: 437, 1855. Senegal.

Based on Wagner's description of *Antilope gazella* Pallas, Schreber's Säugthiere, Suppl., 4: 481, pl. 257A, 1844.

*Oryx algazel* Thomas, Proc. Zool. Soc. London, 2:300, 6 Aug. 1903; with nomenclatural notes.

Range: Desert regions of northern Africa, from Senegambia eastward to ?northern Sudan.

*ÆGORYX ALGAZEL DAMMAH* (Cretzschmar). Eastern Seimitar Oryx

*Antilope dammah* Cretzschmar, Atlas zu Rüppell's Reise im Nördl. Afrika, Säugeth., p. 22, 1826. "Probably Kordofan," Haraza, eastern Anglo-Egyptian Sudan; "no evidence appears to be forthcoming to show whether this" is really distinct from the typical form (Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 129, 1914). Maj. S. S. Flower "can find no differences between the so-called eastern and western subspecies" (Proc. Zool. Soc. London, p. 440, 8 July 1932).

*Oryx algazel dammah* Thomas, Proc. Zool. Soc. London, 1: 300, 6 Aug. 1903.

### HIPPOTRAGUS Sundevall

*Egocerus* Desmarest, Encyclop. Méthodique, Mammalogie, 2: 475, 1822. As a subgenus of *Antilope*; type *Antilope leucophæa* Pallas (see P. L. Sclater and Thomas, Book of Antelopes, 4: pt. 13, p. 3, Feb. 1899).

*Ægocera* Berthold, Latreille's Natur. Fam. des Thierreichs, p. 61, 1827; emendation.

*Aigocerus* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 161; 5: 324, 1827. As a subgenus of *Antilope*; no type designated.

*Egocerus* Lesson, Nouv. Tableau Règne Animal, Mamm., p. 179, 1842; emendation. No type designated.

*Ozanna* Reichenbach, Vollständigste Naturgesch. d. In- und Auslandes, Säugeth., 3: 126, pl. 39-40, 1845. As a subgenus of *Antilope*, including five species; type *Antilope nigra* Harris (see P. L. Sclater and Thomas, Book of Antelopes, 4: pt. 13, p. 3, Feb. 1899).

*Hippotragus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 196, 1846. Genotype *Antilope leucophæa* Pallas.

*Ægoceros* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 196, 1846; emendation. Not *Ægoceros* Pallas, 1811, for wild sheep and ibex, but this name does not invalidate *Egocerus*.

*Ægocerus* Gervais, Zool. et Paléontol. Franç., ed. 2, p. 78, 1859; emendation. *Antilope*, *Capra*, *Cemas*, *Cerophorus*, in part, of older authors.

Under suspension of rules, *Hippotragus* becomes the proper generic name instead of *Egocerus*; see Opinion 109, Internation. Comm. on Nomenclature, Smithsonian Misc. Coll., 73: no. 6, p. 16, 8 June 1929.

*HIPPOTRAGUS EQUINUS EQUINUS* (Desmarest). Roan Antelope

*Antilope equina* Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: Tabl. Méthodique, p. 32, 1804; Nouv. Dictionnaire d'Hist. Nat., 2: 204, 1816. Locality unknown.

*Capra athiopica* Schinz, Cuvier's Thierreich, 1: 402, 1821. "In den hohen Gebirgen Africas;" based on Daniell's African Scenery, pl. 24, 1804-08.

*Capra jubata* Wagner, in Schreber's Säugthiere, Suppl., 4: 1471, 1836; 5: 1277, pl. 287C, 1824. No locality.

*A[ntelope] barbata* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 180; 5: 325, 1827. "The parting ridge of the waters on the southeast coast of Africa."

*A[ntelope] aurita* Burchell, Hamilton Smith in Griffith's Cuvier, Animal Kingdom, 5: 325, 1827. Based on Burchell's account.

*A[ntelope] truteri* J. B. Fischer, Synopsis Mamm., p. 478, 1829. Interior of South Africa.

*H[ippotragus] el[quinus] typicus* P. L. Selater and Thomas, Book of Antelopes, 4: pt. 13, p. 13, Feb. 1899.

HIPPOTRAGUS EQUINUS BAKERI Heuglin. Baker's Roan Antelope

*Hippotragus bakeri* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Jena, 30: no. 2, p. 16, pl. 2, f. 6, a, b, 1863. Between upper Atbara and Bahr-el-Salaam Rivers, eastern Sennaar, near Abyssinian border, Anglo-Egyptian Sudan.

HIPPOTRAGUS EQUINUS COTTONI Dollman and Burlace. Angolan Roan Antelope

*Hippotragus equinus cottoni* Dollman and Burlace, Rowland Ward's Records of Big Game, ed. 9, pp. 265-266, 1928. Quanza River, Angola.

HIPPOTRAGUS EQUINUS DOGETTI de Beaux

*Hippotragus equinus dogetti* de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, (3) 9=49: 231, 10 July 1921. Near Gondokoro, Uganda.

HIPPOTRAGUS EQUINUS Koba (Gray). Gambian Roan

*Ægocerus koba* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 35, 1872. Gambia coast, Macarthy's Island.

Gray (Cat. Mamm. Brit. Mus., 3: Ungulata Fureipeda, p. 103, 1852) first regarded this as a "var.?" of "*Ægocerus leucophæus*," adding the native name Docoi, and the statement that it is "certainly not the Kob of Buffon;" the name is accompanied by the description of a head in the British Museum and is not invalidated by the *Antelope kob* of Erxleben = *Adenota kob* (Erxleben).

*Ægocerus leucophæus*, var. *docoi* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 35, 1872.

Gray here quotes the name as a synonym of *Ægocerus koba*, referring to his previous use of it as a native name for his *Ægocerus leucophæus*, var.?

*H[ippotragus] el[quinus] gambianus* P. L. Selater and Thomas, Book of Antelopes, 4: pt. 13, pp. 15, 28, pl. 78, Feb. 1899. Gambia.

## HIPPOTRAGUS EQUINUS LANGHELDI Matschie

*Hippotragus langheldi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 182, 1898. Tabora, Tanganyika Territory.

*Hippotragus rufo-pallidus* Neumann, Proc. Zool. Soc. London, for 1898, p. 850, 1 Apl. 1899. Upper Bubu River, between Irangi and Mt. Gurui, Tanganyika Territory.

## HIPPOTRAGUS EQUINUS SCHARICUS (Schwarz)

*Egocerus equinus scharicus* Schwarz, Ann. Mag. Nat. Hist. (8) 11: 266, Feb. 1913. Abilela, lower Shari River, French Equatorial Africa.

## HIPPOTRAGUS LEUCOPHÆUS (Pallas). Blaauwbok

*Antilope leucophæa* Pallas, Miscellanea Zool., p. 4, 1766; Spicilegia Zool., pt. 1, p. 6, 1767; pt. 12, p. 12, 1777. [Swellendam district,] Cape of Good Hope.

*Antilope capensis* P. L. S. Müller, Linnæus's Vollständ. Natursyst., Suppl., p. 52, 1776. Cape of Good Hope (ex Pallasio).

*Cemas glauca* Oken, Lehrbuch d. Naturgesch., 3: zool., pt. 2, p. 740, 1816. Cape of Good Hope.

Range: Formerly it "appears to have been restricted" to the region of the type locality, Swellendam district, Cape of Good Hope. Exterminated about 1799.

## HIPPOTRAGUS NIGER NIGER (Harris). Sable Antelope

*Aigocerus niger* Harris, Proc. Zool. Soc. London, p. 2, July 1838; Trans. Zool. Soc. London, 2: 213, pl. 39, 5 Dec. 1838. Cashan Range, near Pretoria, northwestern Transvaal.

*Aigocerus harrisi* Harris, Wild Sports of Southern Africa, pp. 264, 378, 1839. Mountain range of eastern Matabeleland, South Africa.

## HIPPOTRAGUS NIGER KIRKII (Gray)

*Aigocerus niger*, var. *kirkii* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 35, 1872. "Antimelos," [Zambesia.]

*Hippotragus (Ozanna) niger kaufmanni* Matschie, Deutsche Jäger-Zeitung, 59: 119, 1912. Mt. Caprivi, between the Chobi and Zambesi, Southwest Africa.

## HIPPOTRAGUS NIGER ROOSEVELTI (Heller)

*Ozanna roosevelti* Heller, Smithsonian Misc. Coll., 54: no. 6, p. 1, 3 Mar. 1910. Shimba Hills, Kenya Colony.

Named for Kermit Roosevelt.

## HIPPOTRAGUS NIGER VARIANI Thomas. Giant Sable

*Hippotragus niger variani* Thomas, Abstract Proc. Zool. Soc. London, no. 15 p. 1, 15 Feb. 1916; Proc. Zool. Soc. London, p. 300, text-f. 1, 20 Apl. 1916. Luando River, Angola.

ORYX Blainville. *Oryxes*

*Oryx* Blainville, Bull. des Sci. Soc. Philomatique, Paris, p. 75, May 1816.

Genotype not specified, but fixed as *Antilope oryx* Pallas = *Capra gazella* Linnæus.

*Oryx* Oken, 1816 (= *Monodon* Linnæus, 1758) was probably published later in the year than Blainville's name (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 16: 375, 11 Oct. 1902).

*Oryx* Gray, London Medical Repository, 15: 307, 1 Apl. 1821; ?emendation or error.

*Capra*, *Antilope*, *Gazella*, *Cemas*, *Cerophorus*, in part, of older authors.

ORYX BEISA BEISA (Rüppell). Beisa *Oryx*

*Antilope beisa* Rüppell, Neue Wirbelthiere zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 14, pl. 5, 1835. Red Sea coast west of Massowa, Eritrea.

*Oryx biessa* Gray, Ann. Mag. Nat. Hist. (1) 18: 232, Oct. 1846; errorim.

*Oryx beisa typica* Ward, Records of Big Game, ed. 6, p. 293, 1910.

## ORYX BEISA ANNECTENS Hollister

*Oryx annectens* Hollister, Smithsonian Misc. Coll., 56: no. 2, p. 7, 31 Mar. 1910.

Laikipia plateau, near Northern Guaso Nyiro, Kenya Colony.

ORYX BEISA CALLOTIS Thomas. Fringe-eared *Oryx*

*Oryx callotis* Thomas, Nature (London), 45: 526, 31 Mar. 1892; Proc. Zool. Soc. London, p. 195, pl. 14, Aug. 1892. Kilimanjaro district, Tanganyika Territory.

ORYX BEISA GALLARUM Neumann. Galla *Oryx*

*Oryx beisa gallarum* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 99, 1902.

Orte Balinga, Modjo, southern Ennia-Gallaland, near the Webi, Abyssinia (Ethiopia).

## ORYX BEISA SUBCALLOTIS W. Rothschild

*Oryx gazella subcallotis* W. Rothschild, Ann. Mag. Nat. Hist. (9) 8: 209, Aug. 1921. "Country between the ranges of *O. g. callotis* and *O. g. annectens*," Kenya Colony.

Status questionable; "the known forms of 'gemsbok' must stand as" races of *Oryx gazella* (W. Rothschild).

## ORYX GAZELLA GAZELLA (Linnæus). Gemsbok

*Capra gazella* Linnæus, Syst. Nat., ed. 10, 1: 69, 1758. "India" (Linnæus); "locality not defined, but may be taken as S. Africa" (Thomas, O., Proc. Zool. Soc. London, p. 152, 22 Mar. 1911).

*Antilope bezoartica* Pallas, Miscellanea Zool., p. 8, 1766. No locality.



*Ant[ilope] oryx* Pallas, *Spicilegia Zool.*, pt. 12, pp. 16, 61, 1777. "Ægypti, Æthiopiæ, Arabiæ inquilina."

*Antilope recticornis* Erxleben, *Syst. Regni Animalis*, p. 272, 1777; based on "cornu . . . Gazellæ recticornis, quam hodie . . . Africa alit" of Pallas (Nov. Comment. Acad. Petropol., 13: 468, 1766), where, however, "it does not appear to have been intended as a technical name (Lydekker and Blaine, *Cat. Ungulate Mamm. Brit. Mus.*, 3: 119, 1914). "in Ægypto, Arabia, totoque Oriente, in India, ad caput bonæ spei."

*Antilope pasan* Daudin, Lacépède's Buffon, *Tabl. d. mamm.*, 14: p. 182, 1799; referring to 10: 151, 154, pl. 13, 1799, La gazelle pasan. Cape of Good Hope.

*Onyx onyx* Gray, *London Medical Repository*, 15: 307, 1821; misprint.

*Oryx capensis* Ogilby, *Proc. Zool. Soc. London*, for 1836, p. 139, 27 June 1837. Cape of Good Hope (implied).

*Oryx aschenborni* Strand, *Arch. f. Naturgesch.*, 90: sect. A, pt. 1, p. 146, footnote, July 1924. Kalahari Desert, Southwest Africa (based on account by Aschenborn in his "Gemsbockbuch," 1921).

Regarded by G. C. Shortridge (*Mammals of South West Africa*, 2: 560, 1934) as a synonym of *O. gazella gazella*.

Range: Bechuanaland to Mossamedes, southwestern Africa.

ORYX GAZELLA BLAINEI W. Rothschild. Angolan Gemsbok

*Oryx gazella blainei* W. Rothschild, *Ann. Mag. Nat. Hist.* (9) 8: 209, Aug. 1921. Angola, 20 miles inland of Elephant Bay, south of Benguela (see Lydekker and Blaine).

#### Subfamily TRAGELAPHINÆ. Spiral-horned Antelopes

##### BOOCERCUS Thomas. Bongo

*Euryceros* Gray, *Gleanings from Menagerie at Knowsley Hall*, 2: 27, 1850. As a subgenus of *Tragelaphus*; type *Antilope eurycerus* Ogilby. Preoccupied by *Euryceros* Lesson, 1830.

*Boocercus* Thomas, *Ann. Mag. Nat. Hist.* (7) 10: 309, Oct. 1902. Genotype *Boocercus eurycerus isaaci* Thomas.

*Boocercus* Trouessart, *Cat. Mamm. Viv. Foss.*, Suppl., p. 731, 1905; errorim.

BOOCERCUS EURYCERUS EURYCERUS (Ogilby). Bongo

*Antilope eurycerus* Ogilby, *Proc. Zool. Soc. London*, for 1836, p. 120, 20 Feb. 1837. "West Africa."

*Tragelaphus eurycerus* Lesson, *Nouv. Tableau Règne Anim.*, Mamm., p. 181, 1842. Africa.

*Tragelaphus albo-virgatus* Du Chaillu, *Proc. Boston Soc. Nat. Hist.*, 7: 299, July 1860. Gaboon, Ashankolo Mts., 60 miles south of the equator and 140 miles from the coast.

*Tragelaphus albobittatus* Gray, Proc. Zool. Soc. London, for 1861, p. 276, Apl. 1862. Bight of Biafra. Error for *albo-virgatus*.

BOOCERCUS EURYCERUS COOPERI W. Rothschild. Uele Bongo  
*Boocercus eurycerus cooperi* W. Rothschild, in Rowland Ward's Records of Big Game, ed. 9, p. 306, 1928. Haut Uele district, Congo Belge.

BOOCERCUS EURYCERUS ISAACI Thomas. Eastern Bongo  
*Boocercus eurycerus isaaci* Thomas, Ann. Mag. Nat. Hist. (7) 10: 310, Oct. 1902. Eldoma Ravine, Kenya Colony.

BOOCERCUS EURYCERUS KATANGANUS W. Rothschild. Katanga Bongo  
*Boocercus eurycerus katanganus* W. Rothschild, Ann. Mag. Nat. Hist. (9) 19: 271, Feb. 1927. Djingilé, Kabouso Territory, Laurami district, Katanga Province, Congo Belge.

### LIMNOTRAGUS Pocock

*Hydrotragus* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 49, 1872. As a subgenus of *Euryceros*; type *Tragelaphus spekii* P. L. Selater; not of Fitzinger, 1866, which is a synonym of *Adenota*.

*Limnotragus* Pocock, in P. L. Selater and Thomas, Book of Antelopes, 4: 90, Jan.; 149, Aug. 1900. Genotype *Tragelaphus spekii* Selater.

See Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 185, footnote, 1914, as to authorship of Pocock. They regard this name as a subgenus of *Tragelaphus*.

LIMNOTRAGUS SPEKII SPEKII (P. L. Selater). Sitatunga  
*Tragelaphus spekii* P. L. Selater, in Speke's Journal of Discovery of Source of Nile, p. 223, footnote, fig., 1864. Karague, west of Lake Victoria, Tanganyika Territory.

*Tragelaphus spekei typicus* Ward, Records of Big Game, ed. 6, p. 314, 1910.  
*Tragelaphus (Limnotragus) ugallæ* Matschie, Jahrb. Inst. f. Jagdkunde, 2: 179, text-f. 88, 1913. Sindi, Ugalla, Tanganyika Territory.

LIMNOTRAGUS SPEKII GRATUS (P. L. Selater). Western Sitatunga  
*Tragelaphus gratus* P. L. Selater, Proc. Zool. Soc. London, p. 452, pl. 44, Oct. 1880. Gaboon.

*Tragelaphus gratus albonotatus* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 90, 1905. Locality unknown, "possibly either Upper Guinea or Angola." Range: West Africa, from Cameroons to Congo.

## LIMNOTRAGUS SPEKII INORNATUS Cabrera

*Limnotragus spekei inornatus* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 18: 276, May 1918. Lake Young, northeastern Rhodesia.

## LIMNOTRAGUS SPEKII LARKENII St. Leger

*Limnotragus spekei larkenii* St. Leger, Ann. Mag. Nat. Hist. (10) 8: 420, Oct. 1931. Bahr-el-Ghazal, 50 miles south of Yambio, Anglo-Egyptian Sudan, 4° 30' N., 28° E.

## LIMNOTRAGUS SPEKII SELOUSI (W. Rothschild). Zambesi Sitatunga

*Tragelaphus selousi* W. Rothschild, Novitates Zool., 5: 206, 3 May 1898. Zambesi Valley.

Range: South of the Zambesi Valley.

## LIMNOTRAGUS SPEKII SYLVESTRIS Meinertzhagen. Nkose Sitatunga

*Limnotragus spekei sylvestris* Meinertzhagen, Proc. Zool. Soc. London, p. 375, text-f. 1, A; 2, B; 20 June 1916. Nkose Island, Sesse Islands, Lake Victoria, Uganda.

## LIMNOTRAGUS SPEKII WILHELMI Lönnberg and Gyldenstolpe

*Limnotragus spekei wilhelmi* Lönnberg and Gyldenstolpe, Ann. Mag. Nat. Hist. (9) 13: 197, pl. 7, Feb. 1924. Ruhuhuma Swamp, north of Lake Bunyoni, Kigezi, British Ruanda.

## STREPSICEROS Hamilton Smith. Kudus

*Strepsiceros* Rafinesque, Analyse de la Nature, p. 56, 1815. Genotype *Antilope strepsiceros* Pallas. A nomen nudum.

*Strepsiceros* Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 5: 365, 1827. As a subgenus of *Damalis*; type *Antilope strepsiceros* Pallas.

*Calliope* Ogilby, Proc. Zool. Soc. London, for 1836, p. 138, 27 June 1837. Genotype *Antilope strepsiceros* Pallas; not *Calliope* Gould, 1836, in birds.

*Strepsicerastes* Knottnerus-Meyer, Arch. f. Naturgesch., 69: sect. B, vol. 2, pt. 1, Jahresber., Mamm. for 1902, p. 113, Feb. 1908. Genotype *Strepsiceros imberbis* Blyth.

*Strepsicerella* Zukowsky, Wild und Hund, 16: no. 12, p. 206, 25 Mar. 1910. Genotype *Strepsiceros imberbis* Blyth.

*Ammelaphus* Heller, Smithsonian Misc. Coll., 60: no. 8, p. 15, 2 Nov. 1912. Genotype *Strepsiceros imberbis* Blyth.

*Antilope*, *Ovis*, *Capra*, *Cerophorus*, *Damalis*, *Tragelaphus*, in part, of older authors.

Schwarz (Ergebn. d. Zweiten Deutsch Zentr.-Afrika-Exped. 1910-11, 1: Zool., p. 1026, June 1920) regards this genus as a synonym of *Tragelaphus*.

## STREPSICEROS IMBERBIS IMBERBIS Blyth. Lesser Kudu

*Strepticeros* (sic) *imberbis* Blyth, Proc. Zool. Soc. London, p. 55, text-f. 3, 3A, 1869. Abyssinia.

*Strepsiceros tendal* Gray, Hand-list of Edentate, Thick-skinned and Ruminant Mamm. Brit. Mus., p. 118, 1873 (not of Cretzschmar). Abyssinia.

## STREPSICEROS IMBERBIS AUSTRALIS (Heller)

*Ammelaphus imberbis australis* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 2, 16 Sep. 1913. Longaya Water, Marsabit district, Kenya Colony.

## STREPSICEROS STREPSICEROS STREPSICEROS (Pallas). Greater Kudu

*Antelope strepsiceros* Pallas, Miscellanea Zool., p. 9, 1766; Spicilegia Zool., pt. 1, p. 17, 1767; pt. 12, pp. 19, 67, 1777. Cape of Good Hope.

*Antelope torticornis* Hermann, Observationes Zool., pt. 1, p. 87, 1804. No locality.

Identity uncertain, see P. L. Selater and Thomas, Book of Antelopes, 4: pts. 16-17, p. 175, Aug. 1900.

*Strepsiceros capensis* A. Smith, South African Quart. Journ., 2: 223, 1834. South Africa.

*Strepsiceros koodoo* Jardine, Naturalist's Library, Mamm., 4: 180, pl. 20, 1836.

"Woody parts of Caffraria and the Karoo Mountains," South Africa.

*Strepsiceros kudu* Gray, List Spec. Mamm. Brit. Mus., p. 155, 13 May 1843; emendation.

*Strepsiceros excelsus* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 196, 1846. Africa south of the Sahara.

*Strepsiceros strepsiceros zambesiensis* Lorenz, Ann. K. K. Naturh. Hofmus., Wien, 9: Notizen, p. 63, 1894. Leschumo forest, southeastern border of Marutse Land and northwestern Matabele Land.

*Strepsiceros capensis typicus* Ward, Records of Big Game, ed. 6, p. 319, 1910.

*Strepsiceros hamiltoni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 387, Nov. 1914. New name for *Damalis strepsiceros* H. Smith, not *Antelope strepsiceros* Pallas. ? locality. Sources of the Gariep or Orange River, South Africa.

## STREPSICEROS STREPSICEROS BEA Heller. Kenya Kudu

*Strepsiceros strepsiceros bea* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 3, 16 Sep. 1913. Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 130, pl. 54 (skull), 1924. Donyo Gelsha, on the escarpment east of Lake Baringo, Kenya Colony.

## STREPSICEROS STREPSICEROS CHORA (Cretzschmar)

*Antelope chora* Cretzschmar, Atlas zu Rüppell's Reise im Nördl. Afrika, Säugeth., p. 22, 1826. Eastern Sudan.

(?) *Antilope tendal* Cretzschmar, Atlas zu Rüppell's Reise im Nördl. Afrika, Säugeth., p. 22, 1826. "May be *Addax nasomaculatus*" (Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 202, 1914). Deserts of "Sinerie" to Ambukol.

*Strepsiceros abyssinicus* Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Kl., 59: sect. 1, p. 176, 1869. Abyssinia, Somaliland, to Kordofan.

Based on *Strepsiceros kudu*, var. Gray.

STREPSICEROS STREPSICEROS COTTONI Dollman and Burlace. Western Kudu  
*Strepsiceros strepsiceros cottoni* Dollman and Burlace, Rowland Ward's Records of Big Game, ed. 9, p. 300, 1928. Byaya, French Congo.

STREPSICEROS STREPSICEROS FROMMI Matschie

*Strepsiceros frommi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 391, Nov. 1914. On the Mpombolo, a tributary of the Mfuissi, upper Msadia, 31° 10' E., 7° 23' S., Tanganyika Territory.

### TAUROTRAGUS Wagner. Elands

*Oreas* Desmarest, Encyclopédie Méthod., Mammalogie, 2: 471, 1822. As a sub-genus of *Antilope*; type *Antilope oreas* Pallas = *Antilope oryx* Pallas.

Preoccupied by *Oreas* Hübner, 1806, in Insecta.

*Taurotragus* Wagner, Schreber's Säugthiere, Suppl., 5: 438, 1855. As a sub-genus of *Antilope*; type *Antilope oreas* Pallas = *Antilope oryx* Pallas.

*Dorotoceros* Lydekker, The Field (London), 78: 130, 25 July 1891. Genotype *Antilope triangularis* Günther = *Antilope oryx* Pallas.

*Orias* Lydekker, Royal Natural History, 2: Mamm., 267, 15 Sep. 1895; errorim. *Antilope*, *Capra*, *Cerophorus*, *Cemas*, *Damalis*, *Boselaphus*, in part, of older authors.

TAUROTRAGUS ORYX ORYX (Pallas). Cape Eland

*Antilope oryx* Pallas, Miscellanea Zool., p. 9, 1766; Spicilegia Zool., pt. 1, p. 15, 1767. Cape of Good Hope.

*Ant[ilope] oreas* Pallas, Spicilegia Zool., pt. 12, p. 17, 1777. Mountains of South Africa.

*Bos barbatus* Kerr, Linnæus's Animal Kingdom, p. 340, 1792. "Country north from the Cape" of Good Hope.

*Cemas alces* Oken, Lehrbuch d. Naturgesch., 3: zool., sect. 2, p. 735, 1816. South Africa, especially to the east of Cape of Good Hope.

*Damalis canna* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 357; 5: 365, 1827. "Beyond the Gareep, upon the Great Desert," South Africa.

This is the first use of the specific name in a technical sense; as usually quoted from Desmarest (Encyclopédie Méthodique, Mammalogie, 2: 471, 1822) it is a vernacular name.

*Antilope triangularis* Günther, The Field (London), 73: 260, 23 Feb. 1889; Proc. Zool. Soc. London, p. 74, text-f. a-c, June 1889. "Interior of southern Central Africa," i.e., Zambesi region. Based on the abnormal horns of a female *Taurotragus oryx*.

*Taurotragus oryx typicus* F. C. Selous, Great and Small Game of Africa, p. 426, 1899.

TAUROTRAGUS ORYX BILLINGÆ Kershaw

*Taurotragus oryx billingæ* Kershaw, Ann. Mag. Nat. Hist. (9) 11: 598, May 1923. Uleti, Iringa, Tanganyika Territory.

TAUROTRAGUS ORYX LIVINGSTONII (P. L. Selater). Zambesi Eland

*Oreas livingstonii* P. L. Selater, Proc. Zool. Soc. London, p. 105, July 1864. Left bank of the Zambesi near the Kafue, Rhodesia.

*Taurotragus oreas livingstonii* P. L. Selater, Proc. Zool. Soc. London, p. 507, Oct. 1893.

*Oreas oreas kaufmanni* Matschie, Deutsche Jäger-Zeitung, 58: no. 9, p. 119, text-f. 83, 1912. Caprivi Peak, Southwest Africa.

Regarded by Shortridge (Mamm. South West Africa, 2: 607, 1934) as identical with *Taurotragus oryx livingstonii* (P. L. Selater).

*Taurotragus oryx livingstonei* Roberts, Ann. Transvaal Mus., 4: 106, 20 Oct. 1913.

*Oreas oryx niediecki* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 249, 1913. Banga, Kafue River, between 26° and 27° S., Maschukulumbweland, upper Zambesi.

Regarded by Shortridge (Mamm. South West Africa, 2: 607, 1934) as identical with *Taurotragus oryx livingstonii* (P. L. Selater).

TAUROTRAGUS ORYX PATTERSONIANUS Lydekker. East African Eland

*Taurotragus oryx pattersonianus* Lydekker, The Field (London), 108: 579, 29 Sep. 1906. Laikipia plateau, Kenya Colony; not Portuguese East Africa (Mozambique) as stated in original description (see Lydekker, R., Novitates Zool., 14: 324, 1907).

TAUROTRAGUS ORYX SELOUSI Lydekker. Mashona Eland

*Taurotragus oryx selousi* Lydekker, Ward's Records of Big Game, ed. 6, p. 328, 1910. Rugawé Valley, Mashonaland, Rhodesia.

TAUROTRAGUS DERBIANUS DERBIANUS (Gray). Giant Eland

*Boselaphus derbianus* Gray, Ann. Mag. Nat. Hist. (1) 20: 286, Oct. 1847. Gambia.

*Oreas colini* Rochebrune, Bull. Soc. Philomathique, Paris, (7) 7: 8, 1883; Actes Soc. Linn. de Bordeaux, (4) 7 (=37): 168, pl. 10, f. 1, 1883. Forests of Kita, Senegal.

*Taurotragus derbianus typicus* Ward, Records of Big Game, ed. 6, p. 334, 1910.



**TAUROTRAGUS DERBIANUS CAMEROONENSIS** Millais

*Taurotragus derbianus cameroonensis* Millais, Far Away up the Nile (London), p. 240, 1924. Northwestern (formerly German) Cameroons.

**TAUROTRAGUS DERBIANUS CONGOLANUS** W. Rothschild

*Taurotragus derbianus congolanus* W. Rothschild, Ann. Mag. Nat. Hist. (8) 12: 575, Dec. 1913. Ubangi district, eastern Congo Belge (♂), and north-western Tanganyika (♀).

*Oreas derbii* Johnston, River Congo, ed. 3, p. 391, 1884; errorim. "Perhaps the Upper Congo."

*Taurotragus derbianus congolanicus* Millais, Far Away up the Nile (London), p. 241, 1924; misspelling.

**TAUROTRAGUS DERBIANUS GIGAS** (Heuglin)

*Boselaphus gigas* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Jena, 30: no. 2, p. 19, pl. 1, f. 2, 1863. West of the upper White Nile, 7° N., Bahr-el-Ghazal, Anglo-Egyptian Sudan.

Regarded by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 132, 1924) as a separate species.

See Butler, A. L. On the Giant Eland of the Bahr-el-Ghazal, *Taurotragus derbianus gigas* (Heugl.). Proc. Zool. Soc. London, 1: 288-290, 10 Aug. 1905.

**TRAGELAPHUS** Blainville. Bushbucks

*Tragelaphus* Blainville, Bull. des Sci. Soc. Philomatique, Paris, p. 75, May 1816. As a subgenus of *Cerophorus*, type *Antilope sylvatica* Sparman (see P. L. Selater and Thomas, Book of Antelopes, 4: pt. 15, p. 103, Jan. 1900). Not of Ogilby, 1837, of which the genotype is *Antilope picta* Pallas.

*Nyala* Heller, Smithsonian Misc. Coll., 60: no. 8, p. 16, 2 Nov. 1912. Genotype *Tragelaphus angasii* Gray.

*Antilope*, *Cemas*, *Calliope*, in part, of older authors.

**TRAGELAPHUS ANGASII** Gray. Nyala

*Tragelaphus angasii* Gray, in Angas, Proc. Zool. Soc. London, for 1848, p. 89, pls. 4, 5, 13 Mar. 1849. St. Lucia Bay, Zululand, Natal.

Range: Southeastern Africa from Zululand, Natal, north of Nyasaland.

**TRAGELAPHUS BUXTONI** (Lydekker). Mountain Nyala

*Strepsiceros* or *Tragelaphus buxtoni* Lydekker, Nature (London), 84: 397, 29 Sep. 1910; Proc. Zool. Soc. London, p. 348, pl. 16, text-f. 103, 6 July 1911.

Sahatu Mts., southeast of Lake Zwai, Gallaland, Abyssinia., 9000 ft.

## TRAGELAPHUS SCRIPTUS SCRIPTUS (Pallas). West African Bushbuck

*Antilope scripta* Pallas, *Miscellanea Zool.*, p. 8, 1766; *Spicilegia Zool.*, pt. 1, p. 15, 1767; pt. 12, p. 18, 1777, based on "Le Guib" of Buffon, *Hist. Nat.*, 12: 305, 327, pl. 40-41, 1764. Senegal.

*T[ragelaphus] scriptus typicus* Thomas, *Proc. Zool. Soc. London*, p. 388, Oct. 1891.

## TRAGELAPHUS SCRIPTUS BOR Heuglin. Nile Bushbuck

*Tragelaphus bor* Heuglin, *Reise in Nordost-Afrika*, 2: 122, 1877. Req marshes and Bongo, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

*Tragelaphus cottoni* Matschie, *Sitzb. Ges. Naturf. Freunde, Berlin*, p. 552, Dec. 1912. Farajala, west of Lado, on the Koda, a tributary on the left side of Bahr-el-Jebel, Lado Enclave.

Regarded by Hollister (*Bull. U. S. Nat. Mus.*, no. 99, pt. 3, p. 127, 1924) as a synonym of *Tragelaphus s. bor* Heuglin.

*Tragelaphus cottoni meridionalis* Matschie, *Sitzb. Ges. Naturf. Freunde, Berlin*, p. 555, Dec. 1912. Three days north of Wadelai, Bahr-el-Gebel, Uganda.

## TRAGELAPHUS SCRIPTUS DAMA Neumann

*Tragelaphus dama* Neumann, *Sitzb. Ges. Naturf. Freunde, Berlin*, p. 97, 1902. Kavirondo, northeast shore of Lake Victoria, Kenya Colony.

## TRAGELAPHUS SCRIPTUS DECULA (Rüppell). Abyssinian Bushbuck

*Antilope decula* Rüppell, *Neue Wirbelthiere zu d. Fauna von Abyssinien* gehörig, Säugeth., p. 11, pl. 4, 1835. Northwest slope of the highlands about Dembea Lake and the Kulla, Abyssinia (Ethiopia).

*Tragelaphus decula fulvoochraceus* Matschie, *Sitzb. Ges. Naturf. Freunde, Berlin*, p. 563, Dec. 1912. Dungoler, near the Abbai flowing south from Lake Tana, Abyssinia.

## TRAGELAPHUS SCRIPTUS DELAMEREI Pocock. Lord Delamere's Bushbuck

*Tragelaphus delamerei* Pocock, *Ann. Mag. Nat. Hist.* (7) 5: 95, Jan. 1900. Sayer valley, near Gessima, northwest of Mt. Kenya, Kenya Colony (not "Somaliland").

*Tragelaphus tjaderi* J. A. Allen, *Bull. Amer. Mus. Nat. Hist.*, 26: 148, 19 Mar. 1909. Nakuru, Kenya Colony.

*Tragelaphus haywoodi* Thomas, *Abstract Proc. Zool. Soc. London*, no. 21, p. 9, 13 June 1905; *Proc. Zool. Soc. London*, 2: 181, 17 Oct. 1905. Nyeri, Kenya Colony.

*Tragelaphus haywoodi brunneus* Matschie, *Sitzb. Ges. Naturf. Freunde, Berlin*, p. 549, Dec. 1912. West side of Mt. Kenya, Kenya Colony, 7400 ft.

*Tragelaphus eldomæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 550, Dec. 1912. Mau forest, at Eldoma Ravine Station, Kenya Colony.

Regarded by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 127, 1924) as a synonym of *T. scriptus delamerei* Pocock.

TRAGELAPHUS SCRIPTUS DIANÆ Matschie

*Tragelaphus dianæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 557, Dec. 1912. Kalakaba, about 40 miles from Mahagi, north end of Lake Albert, Uganda.

*Tragelaphus dianæ simplex* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 560, Dec. 1912. Between Irumu and Kifuku, Ituri River, Congo Belge.

TRAGELAPHUS SCRIPTUS DODINGÆ Matschie

*Tragelaphus cottoni dodingæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 556, Dec. 1912. Kedef Valley, western foothills of Dodinga Range, east-northeast of Dufilé, near Sudan-Uganda border.

Doubtfully distinct from *T. scriptus bor* Heuglin.

*Tragelaphus scriptus barkeri* J. G. Millais, Far Away up the Nile (London), p. 233, pl., 1924. Imatong Mountains, Mongalla, Anglo-Egyptian Sudan.

See Rowland Ward's Records of Big Game, ed. 9, p. 285, 1928; and ed. 10, p. 222, 1935, where it is stated to be "probably the same as *T. s. dodingæ*."

TRAGELAPHUS SCRIPTUS FASCIATUS Pocock

*Tragelaphus scriptus fasciatus* Pocock, Ann. Mag. Nat. Hist. (7) 5: 95, Jan. 1900. Sen Morettu, Webi Valley, Somaliland.

TRAGELAPHUS SCRIPTUS JOHANNÆ Schwarz

*Tragelaphus scriptus johannæ* Schwarz, Revue de Zool. et Bot. Africaines, 16: 423, 1 Apl. 1929. Kwamouth, mouth of the Kasai, left bank of Congo River, Congo Belge.

TRAGELAPHUS SCRIPTUS KNUTSONI Lönnberg

*Tragelaphus scriptus knutsoni* Lönnberg, Arkiv f. Zool., 2: no. 15, p. 1, 13 Apl. 1905. Upper Manns Valley, Cameroon Mt., Cameroons.

TRAGELAPHUS SCRIPTUS LOCORINÆ Matschie

*Tragelaphus locorinæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 564, Dec. 1912. Narringepur, south of Dodinga Mts., Uganda.

Doubtfully distinct from *T. scriptus bor* Heuglin.

*Tragelaphus locorinæ laticeps* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 565, Dec. 1912. Northwest base of Mt. Debasien, Uganda, 3950 ft.

*Tragelaphus scriptus heterochrous* Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 18: 275, May 1918. West slope of Mt. Elgon, Uganda.

Probably a synonym of *T. scriptus locorinæ* Matschie.

## TRAGELAPHUS SCRIPTUS MAKALÆ Matschie

*Tragelaphus scriptus makalæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 563, Dec. 1912. Makala, south of Lindi Valley, which is south of the Aruwimi, Congo Belge, about 0° 35' N., 27° 50' E.

## TRAGELAPHUS SCRIPTUS MASSAICUS Neumann. Masai Bushbuck

*Tragelaphus massaicus* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 96, 1902. Upper Bubu River, northwestern Irangi, Tanganyika Territory.

*Tragelaphus sylvaticus meruensis* Lönnberg, Wiss. Ergebn. d. Schwedischen Zool. Exped. nach Kilimandjaro u. Leitung v. Sjöstedt, no. 2, Mamm., p. 48, 1908. Meru steppe, and Kibonoto, Tanganyika Territory, for the male and female cotypes respectively.

## TRAGELAPHUS SCRIPTUS MENELIKI Neumann. Arusi Bushbuck

*Tragelaphus meneliki* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 93, 1902. Gara Mulata, Burka, and Jaffa Range, upper Webi Shebeli watershed, Arusi Gallaland, Abyssinia (Ethiopia).

## TRAGELAPHUS SCRIPTUS MULTICOLOR Neumann

*Tragelaphus multicolor* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 95, 1902. Hawash Valley, southeast of Sekuala Range, Shoa, Abyssinia.

## TRAGELAPHUS SCRIPTUS NIGRINOTATUS Neumann

*Tragelaphus nigrinotatus* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 97, 1902. Barssa Valley, Maleland, north of Lake Stephanie, Abyssinia.

## TRAGELAPHUS SCRIPTUS OBSCURUS Trouessart

*Tragelaphus obscurus* Trouessart, Cat. Mamm. Viv. Foss., new ed., p. 958, 1898. Plains of Cayor, Oualo, Senegal. Based on the *Tragelaphus gratus* Rochebrune, Actes Soc. Linn. Bordeaux, (4) 7: 170, pl. 11, f. 1, 1883.

## TRAGELAPHUS SCRIPTUS OLIVACEUS Heller

*Tragelaphus scriptus olivaceus* Heller, Smithsonian Misc. Coll., 61: no. 13, p. 1, 16 Sep. 1913. Maji-ya-chumvi, near coast of Kenya Colony.

## TRAGELAPHUS SCRIPTUS ORNATUS Pocock. Chobi Bushbuck

*Tragelaphus scriptus ornatus* Pocock, Ann. Mag. Nat. Hist. (7) 5: 94, Jan. 1900. Linyante, swamps of the Chobi, between Lake Ngami and the Zambesi, northern Bechuanaland.

## TRAGELAPHUS SCRIPTUS PHALERATUS (Hamilton Smith)

*A[ntelope] phalerata* Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 4: 275; 5: 351, 1827. Above Great Falls of Lower Congo, Congo Belge.

## TRAGELAPHUS SCRIPTUS PICTUS Schwarz

*Tragelaphus scriptus pictus* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 41, Jan. 1914. Duguia, lower Shari River, French Equatorial Africa.

## TRAGELAPHUS SCRIPTUS POWELLI Matschie

*Tragelaphus powelli* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 547, Dec. 1912. Managasha forest, west of Entotto, Shoa, Abyssinia.

## TRAGELAPHUS SCRIPTUS ROUALEYNI Thomas. Limpopo Bushbuck

*Antelope roualeynei* (sic) Gordon-Cumming, A Hunter's Life in South Africa, 2: 165, 168, 1850. Bakarikari (Makarikari), near sources of the Limpopo, Bechuanaland. Nomen nudum.

*T[ragelaphus] scriptus roualeyni* Thomas, Proc. Zool. Soc. London, p. 389, Oct. 1891. Limpopo River.

*Tragelaphus roualeyni typicus* P. L. Selater and Thomas, Book of Antelopes, 4: pt. 15, p. 123, Jan. 1900.

## TRAGELAPHUS SCRIPTUS SASSÆ Matschie

*Tragelaphus dianæ sassæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 561, Dec. 1912. Sassa, Kasindi, north of Lake Albert Edward, Congo Belge.

Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 129, 1924) provisionally regards this as a valid race.

## TRAGELAPHUS SCRIPTUS SIGNATUS Schwarz

*Tragelaphus scriptus signatus* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 42, Jan. 1914. Les M'Brous, River Tomi, near the Gribingi-Ubangi watershed, French Equatorial Africa.

*Tragelaphus scriptus punctatus* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 42, Jan. 1914. Duma, near Libenge, Ubangi River, Congo Belge.

Regarded by Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 3: 165, 1914) as probably inseparable from *T. s. signatus* Schwarz.

## TRAGELAPHUS SCRIPTUS SYLVATICUS (Sparrman). South African Bushbuck

*Antilope sylvatica* Sparrman, Kongl. Svenska Vet.-Acad. Nya Handl., Stockholm, p. 197, pl. 7, 1780. Groot Vaders Bosch, Cape of Good Hope.

## TRAGELAPHUS SCRIPTUS UELLENSIS Schwarz

*Tragelaphus scriptus uellensis* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 43, Jan. 1914. Angu, Uele River, Congo Belge.

## Subfamily CAPRINÆ. Sheep and Goats

## AMMOTRAGUS Blyth. Audad

*Ammotragus* Blyth, Proc. Zool. Soc. London, p. 13, July, 1840. As a subgenus of *Ovis*; type *Ovis tragelaphus* G. Cuvier.

Review: Rothschild, Walter. On *Ovis lervia* Pallas and its subspecies. Novitates Zool., 20: 459-460, June 1913.

AMMOTRAGUS LERVIA LERVIA (Pallas). Audad or Barbary Sheep

*Ant[ilope] lervia* Pallas, Spicilegia Zool., pt. 12, p. 12, 1777. North Africa, i.e. Mauretania.

*Ov[is] tragelaphus* G. Cuvier, Règne Anim., ed. 1, 1: 268, 1817. Barbary and Egypt, i.e. Mauretania, according to Rothschild.

AMMOTRAGUS LERVIA ANGUSI W. Rothschild

*Ammotragus lervia angusi* W. Rothschild, Novitates Zool., 28: 75, 14 May 1921. Tarrouaji Mt., Asben (or Aïr), French West Africa.

AMMOTRAGUS LERVIA BLAINEI (W. Rothschild)

*Ovis lervia blainei* W. Rothschild, Novitates Zool., 20: 460, 17 June 1913. Border of Dongola Province and Kordofan, Anglo-Egyptian Sudan.

AMMOTRAGUS LERVIA FASSINI Lepri

*Ammotragus lervia fassini* Lepri, Atti Pontificia Accad. Sci. Nuovi Lineei, Roma, 83: suppl., p. 271, 1930. Garian, Tripoli.

AMMOTRAGUS LERVIA ORNATA (Audouin)

*Ovis ornata* Audouin, Descrip. de l'Égypte, 2: 742, pl. 7, f. 2, 1829. Near Cairo, Egypt.

Now extinct in lower Egypt (see Flower, S.S., Proc. Zool. Soc. London, p. 434, 8 July 1932), but a few may still exist in upper Egypt between the Nile and the Red Sea.

AMMOTRAGUS LERVIA SAHARIENSIS (W. Rothschild)

*Ovis lervia sahariensis* W. Rothschild, Novitates Zool., 20: 459, 17 June 1913. Oued Mya, west-central Sahara.

## CAPRA Linnæus. Goats, Ibexes

*Capra* Linnæus, Syst. Nat., ed. 10, 1: 68, 1758. Genotype *Capra hircus* Linnæus.

*Hircus* Brisson, Regnum Anim. in Classes IX distrib., ed. 2, p. 38, 1762. No type designated; included various goats, ibex, chamois, and gazelles.



- Aries* Link, Beyträge z. Naturgesch., 1: pt. 2, p. 96, 1795, in part. Genotype not specified.
- Tragus* Schrank, Fauna Boica, 1: sect. 1, p. 80, 1798. Genotype *Capra xgagrus* Gmelin.
- Ægoceros* Pallas, Zoographia Rosso-Asiatica, 1: 224, 1831. Genotype not specified; included seven species of goats and sheep.
- Ibex* Hodgson, Journ. Asiatic Soc. Bengal, 16: pt. 2, p. 700, July 1847. Genotype not designated; five species included.
- Orthægoceros* Trouessart, Cat. Mamm. Viv. Foss., Suppl., pt. 3, p. 738, 1905. As a subgenus of *Capra*: type *Capra falconeri* Wagner.
- Eucapra* Camerano, Atti Reale Accad. Sci. Torino, 51: 570, pl., 1916. As a subgenus of *Capra*: no type specified, but includes five species, one being the Domestic Goat.
- Euibex* Camerano, Atti Reale Accad. Sci. Torino, 51: 570, pl., 1916. Subgenus of *Capra*; type not specified, but includes the ibexes of Europe and Africa.

CAPRA NUBIANA NUBIANA F. Cuvier. Nubian Ibex; Beden

*Capra nubiana* F. Cuvier, Hist. Nat. des Mammifères, pt. 50, p. 2, pl., June 1825. Nubia.

*Capra nubiana typica* Lydekker, Game Animals of Africa, p. 89, 1908. Nubia.

CAPRA WALIE Rüppell. Abyssinian Ibex or Wali

*Capra walie* Rüppell, Neue Wirbelthiere zu d. Fauna von Abyssinien gehörig, 1: Säugeth., p. 16, pl. 6, 1835. Mountains of Simen and Gojjam, Abyssinia.

*Capra valie* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 280, 1847. Abyssinia.

*Capra vali* Lydekker, Wild Oxen, Sheep, and Goats of all Lands, p. 270, 1898; emendation.

For an extended account of characters, see Parisi, B., Sulla *Capra walie* Rüppel (sic), Atti. Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 64: 110-118, pl. 3, Sep. 1925.

CAPRA HIRCUS ÆGAGRUS Erxleben. Wild Goat

*Capra ægagrus* Erxleben, Syst. Regni Anim., 1: 260, 1777. Daghestan district of the Caucasus.

*Capra caucasica* Gray, List Spec. Mamm. Brit. Mus., p. 167, 13 May 1843. No locality.

Range: "Daghestan district of the Caucasus through the mountains of Asia Minor and Persia, including the Kopet Dagh, to the confines of Baluchistan and Sind" (Lydekker). Joleaud and Lavauden regard the Wild Goats that survived in the island of Galite, near the coast of Tunis, until 1905, as indigenous there.

## Subfamily BOVINÆ. Cattle

## BUBALUS Hamilton Smith. Indian Buffalo

*Bubalus* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 371, 1827.

As a subgenus of *Bos*; type *Bos bubalus* Gmelin = *Bos bubalis* Linnaeus. See Hollister, N., Proc. Biol. Soc. Washington, 24: 191, 23 June 1911, as to generic characters.

BUBALUS BUBALIS (Linnaeus). Indian or Water Buffalo

*Bos bubalis* Linnaeus, Syst. Nat., ed. 10, 1: 72, 1758. "Asia."

*Bos bubalus* Gmelin, Linné's Syst. Nat., ed. 13, 1: pt. 1, p. 206, 1788. Asia and in domestication.

*Bos arnee* Kerr, Linnaeus's Animal Kingdom, p. 336, 1792. "India north from Bengal."

*Bos buffelus* Blumenbach, Handbuch d. Naturgesch., ed. 10, p. 121, 1821.

*Bos bubalus*  $\beta$  *kerabau* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 202, 1846. Java.

*Buffelus indicus* Rütimeyer, Verhandl. Naturf. Ges. Basel, 4: pt. 2, p. 334, 1865. Asia.

Range: "Exists in a wild state over a large part of India, exclusive of the south and west, as well as in northern Ceylon;" also widely domesticated from Egypt to the Philippine Islands. According to Lavauden, L., (Le Chêne, no. 6, 1933) the Water Buffalo of Ischkeul is indigenous there, and represents the last of a stock that has come down from Pleistocene times.

## SYNCERUS Hodgson. African Buffaloes

*Bos* Linnaeus, Syst. Nat., ed. 10, 1: 71, 1758, in part, of various authors. Genotype *Bos taurus* Linnaeus.

*Bubalus* Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 5: 371, 1827; in part, of authors. As a subgenus of *Bos*; type by tautonymy *Bos bubalus* Smith = *Bos bubalis* Linnaeus.

*Syncerus* Hodgson, Journ. Asiatic Soc. Bengal, (2) 16: 709, July 1847. Genotype, *Bos brachyceros* Gray = *Bos nanus* Boddart (see Hollister, N., Proc. Biol. Soc. Washington, 24: 192, 23 June 1911). Hodgson originally included *Bos bornouensis* which is a synonym.

*Planiceros* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 10, 1872. As a subgenus of *Bubalus*; type *Bubalus centralis* a. *Bos planiceros* Blyth.

*Synceros* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 12, 1872. As a subgenus of *Bubalus*; type *Bos caffer* Sparrman.

Review: Christy, C. The African Buffaloes, Proc. Zool. Soc. London, p. 445-462, 2 maps in text, 4 pls., 16 Oct. 1929.

*SYNCERUS CAFFER CAFFER* (Sparrman). Black or Cape Buffalo.

*Bos caffer* Sparrman, Kongl. Svenska Vet.-Akad. Handl., Stockholm, 40: 79, 1779. [Sunday River, Algoa Bay,] Cape of Good Hope.

*Bubalus geoffroyi* Rochebrune, Bull. Soc. Philomathique, Paris, (7) 9: 18, 1885. Plains between Sénoudébou and Bamako, upper Senegambia.

*Bos caffer typicus* Lydekker, Wild Oxen, Sheep, and Goats of all Lands, p. 97, 1898.

*B[ubalus] caffer radcliffei* Thomas, Abstract Proc. Zool. Soc. London, no. 4, p. 13, 8 Mar. 1904; Thomas and Schwann, Proc. Zool. Soc. London, 1: 464, text-f. 95, 2 Aug. 1904. Burumba, Ankole, Uganda.

*Bubalus ruahaensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 170, pl., f. 5, 1906. Ruaha Valley, Tanganyika Territory.

*Bubalus ruhahensis* Matschie, in Schillings's Die Zauber des Elelescho, Leipsic, p. 95, 1906; errorim.

*Bubalus schillingsi* Schillings, Der Zaube des Elelescho, Leipsic, p. 95, 1906.

*Bubalus pihillingsi* Matschie, in Schillings's Die Zauber des Elelescho, Leipsic, p. 95, 1906; misprint for *schillingsi*, see Lydekker, Cat. Ungulate Mamm. Brit. Mus., 1: 54, 1913. Island in Pangani River, near Masimani Range, Usagara, Tanganyika Territory.

*Bubalus wembarensis* Matschie, in Schillings's Die Zauber des Elelescho, Leipsic, p. 95, 1906; misprint for *wemberensis*, see Lydekker, R., Cat. Ungulate Mamm. Brit. Mus., 1: 54, 1913. Chaya Swamp, southern part of Wembere plains, Tanganyika Territory.

*Bubalus gariepensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 166, 1906. Liqa Valley, upper Orange River (Gariép), Cape of Good Hope.

*Bubalus limpopoensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 167, 1906. Type locality not stated, but evidently Limpopo valley, Mozambique border (skull in Lübeck Mus.).

*Bubalus wiesei* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 168, pl., f. 1, 1906. Middle Zambesi valley, between Loangwa and Revugu, Rhodesia?

*Bubalus rufuensis* Zukowsky, Zool. Beobachter, 51: 265, Sep. 1910. Schume Forest, western Usambara Mts., upper Pangani district, Tanganyika Territory.

The right horn of the type was made the type of *B. schillingsi* Matschie.

*Bubalus caffer cunenensis* Zukowsky, Zool. Beobachter, 51: 266, Sep. 1910. Benguella district, Angola.

The left horn of the type specimen was made the type of *Bubalus caffer cubangensis* Zukowsky!

*Bubalus caffer cubangensis* Zukowsky, Zool. Beobachter, 51: 266, Sep. 1910. Benguella district, Angola.

The right horn of the type specimen was made the type of *Bubalus caffer cunenensis* Zukowsky!

*Bubalus ussanguensis* Matschie, Das Weidwerk in Wort und Bild, 19: nos. 13-14, p. 297, 15 Apl. 1910. Uzangu, west of Uhehe, Great Ruaha region, Tanganyika Territory.

*Bubalus caffer bubuensis* Matschie, Deutsche Jäger-Zeitung, 59: 103, 113, text-f. 79 (skull), 1912. Eastern Turu, Tanganyika Territory.

*Bubalus caffer tanæ* Matschie, Deutsche Jäger-Zeitung, 59: no. 15, p. 209, text-f. 86, 1912. Region between Mt. Kenya and Tana River, Kenya Colony.

*Bubalus caffer athiensis* Matschie, Deutsche Jäger-Zeitung, 59: no. 15, p. 209, text-f. 85, 1912. Galla Galla Mts., Kenya Colony.

*Bos caffer ruahensis* Lydekker, Cat. Ungulate Mamm. Brit. Mus., 1: 53, 1913; emendation for *ruahaensis* Matschie.

*Bubalus massaicus* Matschie, Jahrb. des Inst. f. Jagdkunde, 2: 170, text-f. 83, 1913. Umbugwe, south of Lake Manyara, Massai plains, Tanganyika Territory.

*Bubalus urundicus* Matschie, Jahrb. des Inst. f. Jagdkunde, 2: 170, text-f. 83, 1913. Lumpungu, southeastern Urundi, Tanganyika Territory.

*Bubalus wintgensis* Matschie, Jahrb. des Inst. f. Jagdkunde, 2: 170, text-f. 83, 1913. Muhambwe, Uha, Tanganyika Territory.

*B[ubalus] c[affer] wintgensis* Christy, Proc. Zool. Soc. London, p. 459, 16 Oct. 1929; errorim.

*B[ubalus] gazæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 136, 15 June 1918. Lebombo Mts., southern Gazaland, Mozambique.

Based on description in Findlay's Big Game Shooting and Travels in South-east Africa, pp. 183, 226, 1903.

*B[ubalus] punguensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 136, 15 June 1918. Beira, Mozambique.

Based on account in Findlay's Big Game Shooting and Travels in South-east Africa, pp. 22, 149, title p., 1903.

*Bubalus niediecki* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 136, text-f. 1, 2, 15 June 1918. Baunza, north of middle Kafue, about 33 km. east of where the river turns east, in Maschukulumbwe Land, north of Victoria Falls, Rhodesia.

*Bubalus niediecus* Christy, Proc. Zool. Soc. London, p. 459, 16 Oct. 1929; errorim.

*SYNCERUS CAFFER ÆQUINOCTIALIS* (Blyth). Northeastern Buffalo

*B[ubalus] caffer*, var. *æquinoctialis* Blyth, Proc. Zool. Soc. London, p. 372, text-f. 1, 1a, 1866. "Equatorial Africa," i.e., White Nile.

*Bubalus pumilus*, b. *Stirps orientalis* Brooke, Proc. Zool. Soc. London, p. 483, Aug. 1873. Abyssinia and Upper Nubia.

*Bubalus azrakensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 169, pl., f. 2, 1906. Roseires, Blue Nile, Anglo-Egyptian Sudan.

*Bubalus solvayi* Matschie, Deutsche Jäger-Zeitung, 57: no. 7, p. 104, 1911. Mongalla, Anglo-Egyptian Sudan.

Christy treats this as a subspecies of *Syncerus nanus*, between which and typical *S. caffer* it is somewhat intermediate. It is perhaps more logical, how-

ever, to regard it as a northeastern race of the Cape Buffalo, following Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 63, 1924).

SYNCERUS NANUS (Boddart). Dwarf Forest Buffalo

*Bos nanus* Boddart, Elenchus Animalium, 1: 152, 1785. "Marocco;" doubtless brought from Equatorial West Africa (Christy).

*Bos pumilus* Kerr, Linnæus's Animal Kingdom, p. 340, 1792. "Africa."

*B[os] pegasus* Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 4: 386, pl., 1827. Angola.

*Bos brachyceros* Gray, Charlesworth's Mag. Nat. Hist., 1: 589, 1837. "Central Africa," i.e. Lake Chad district, Nigeria.

*Bos bornouensis* Hamilton Smith, Jardine's Naturalist's Library, Mamm., 13: 290, 1842. Bornou district, Nigeria (the Zamouze of Clapperton).

*B[os] corniculatus* Hamilton Smith, Jardine's Naturalist's Library, Mamm., 13: 290, 1842. Africa implied.

*[Bubalus] planiceros* Blyth, Proc. Zool. Soc. London, p. 157, text-f. 4, 4a, Oct. 1863. Locality unknown, but selected as Sierra Leone by Lydekker (Proc. Zool. Soc. London, p. 235, 30 May 1913).

*B[ubalus] reclinis* Blyth, Proc. Zool. Soc. London, p. 157, text-f. 3, 3a, Oct. 1863. "South Africa," but probably the locality is supplied.

*Bubalus centralis* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 11, 1872. "Central Africa," but probably Gambia (see Lydekker, R., The Dwarf Buffalo of Southern Nigeria; with a revision of the Dwarf Buffaloes of Western Africa, Proc. Zool. Soc. London, p. 234-241, text-f. 42-44, 30 May 1913).

*Bos caffer matthewsi* Lydekker, Abstract Proc. Zool. Soc. London, no. 9, p. 10, 14 June 1904. *Bos caffer matthewsi* Lydekker, Proc. Zool. Soc. London, 2: 165, text-f. 31, Oct. 1904. Mfumbiro district, volcanic mountain west of Kivu, borderland between Congo Belge and Tanganyika Territory.

*Bubalus neumanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 169, pl., f. 4, 1906. Chagwe, Uganda.

*Bubalus mayi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 171, text-f. 6, 1906. Bengo, Loanda, Angola.

*Bubalus thierryi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 172, pl., f. 3, 1906. Pama, Togo, Dahomey.

*B[os] caffer cottoni* Lydekker, The Field (London), 109: 37, 5 Jan. 1907. Ituri Forest, Congo Belge.

*Bubalus caffer lomamiensis* Zukowsky, Zool. Beobachter, 51: 268, Sep. 1910. Divide between Kasai and Boloko, east of Kandakanda, in Baluba, Congo Belge.

The right horn of the type was named *B. c. sankurrensis* Zukowsky!

*Bubalus caffer sankurrensis* Zukowsky, Zool. Beobachter, 51: 268, Sep. 1910. Divide between Kasai and Boloko, east of Kandakanda, in Baluba, Congo Belge.

The left horn of the type was named *B. c. lomamiensis* Zukowsky!



- Bos caffer simpsoni* Lydekker, Proc. Zool. Soc. London, for 1910, p. 993, text-f. 146, 147, 11 Jan. 1911. Kwilu River, which flows into the Kwango, a tributary of the Kasai, Congo Belge.
- Bubalus pumilus occidentalis* Lydekker, Cat. Ungulate Mamm. Brit. Mus., 1: 69, 1913. The name is credited to Brooke (Proc. Zool. Soc. London, p. 483, Aug. 1873) who, however, merely includes the species, under the heading "a. *Stirps occidentalis*."
- B[os] c[affer] beddingtoni* Lydekker, Abstract Proc. Zool. Soc. London, no. 116, p. 6, 25 Feb. 1913 (nomen nudum). Ashanti, Gold Coast.
- Bos (Bubalus) caffer beddingtoni* Lydekker, Proc. Zool. Soc. London, p. 240, 30 May 1913. Ashanti, Gold Coast.
- Bos caffer huntii* Lydekker, Abstract Proc. Zool. Soc. London, no. 116, p. 6, 25 Feb. 1913; Proc. Zool. Soc. London, p. 240, text-f. 43, 44, 30 May 1913. Southern Nigeria.
- Bubalus adamczii* Matschie, Jahrb. des Inst. f. Jagdkunde, 2: 169, text-f. 81, 1913. Kentu, Donga basin, Benue River system, northern Bamenda, Nigeria.
- Bubalus nuni* Matschie, Jahrb. des Inst. f. Jagdkunde, 2: 169, text-f. 81, 1913. Kiri and Nsip, upper Nun River, a tributary of the Mbam, a branch of the Sanga River, Cameroons.
- Bubalus caffer diehli* Schwarz, Ann. Mag. Nat. Hist. (8) 11: 268, Feb. 1913. Manfe, Cross River, western Cameroons.
- Bubalus caffer adamauæ* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 44, Jan. 1914. Garua, Benue River, Adamaua, Nigeria.
- Bubalus caffer hylæus* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 44, Jan. 1914. Molundu, Ja River, southeastern Cameroons.
- Bubalus caffer houyi* Schwarz, Ann. Mag. Nat. Hist. (8) 13: 494, May 1914. Pelle, near Gore, eastern Logone River, "New Kamerun," French Equatorial Africa.
- Bubalus (Synceros) adolfi-friederici* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 307, text-f. 1, 10 Dec. 1918. Irumu, Ituri forest, west of southern Lake Albert, Congo Belge.
- B[os] nanus niger* In Tanouost, in Malbrant, Bull. Mus. d'Hist. Nat., Paris, (2) 7: 324, Nov. 1935. Ivory Coast.
- Syncerus nanus savanensis* Malbrant, Bull. Mus. d'Hist. Nat., Paris, (2) 7: 332, Nov. 1935. No locality given, beyond savanna areas bordering central African forests.
- Syncerus nanus sylvestris* Malbrant, Bull. Mus. d'Hist. Nat., Paris, (2) 7: 332, Nov. 1935. No locality given, but forests of central Africa implied.

Christy (1929) points out that "two not uncommon and rather remarkable abnormal forms or tangential variations which do not conform with the general type of horn" occur with the more usual type; to these he refers as "*var. reclinis*" (base wide, ridged, and tips bent forward and upward), and "*var. planiceros*" (lobster-clawed, and tips lying nearly in the plane of the face).



For discussion as to the number of valid races of the Dwarf Buffalo, see:

Koller, O. Die Rassen des westafrikanischen Rotbuffels. Sitzb. Akad. Wiss. Wien, math.-nat. Kl., 144: pt. 9-10, p. 419-453, 1935. (Regards as valid, *thierryi* (misspelt *thyerrici*), *planiceros*, *xquinocliolis*, and possibly *coltoni* and *matheusi*.)

Blancou, Lucien. Buffles de l'Oubangui-Chari-Tchad. La Terre et la Vie, sem. 2, no. 6, p. 202-223, Dec. 1935. (Recognizes *nanus* of central and West African forests, and *planiceros* of the wooded savannas of these regions; photos and tables of measurements.)

### Bos Linnæus. Cattle

*Bos* Linnæus, Syst. Nat., ed. 10, 1: 71, 1758. Genotype *Bos taurus* Linnæus. *Taurus* Storr, Prodromus Methodi Mamm., p. 41, tabl. C, 1780. A renaming of *Bos* Linnæus; no type designated.

*BOS TAURUS PRIMIGENIUS* Bojanus. Wild Cattle

*Bos primigenius* Bojanus, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 13: pt. 2, p. 422, 1827. Germany.

*Bos primigenius mauritanicus* P. Thomas, Bull. Soc. Zool. de France, 6: pl. 3, 1881. Quaternary of Algeria.

Range: Formerly in southern Europe and in northern Africa from Egypt to Mauritania; exterminated within the historic period.

## Order PERISSODACTYLA. Odd-toed Ungulates.

### Family RHINOCEROTIDÆ. Rhinos

#### CERATOTHERIUM Gray. Square-lipped or White Rhino

*Ceratotherium* Gray, Proc. Zool. Soc. London, p. 1027, 1867. Genotype *Rhinoceros simus* Burchell (see Slater, W. L., Mamm. South Africa, 1: 297, 1900).

*Rhinoceros*, *Opsiceros*, *Atelodus*, *Rhinaster*, *Diceros*, *Calodonta*, in part, of various authors.

*CERATOTHERIUM SIMUM SIMUM* (Burchell). Square-lipped or White Rhino

*Rhinoceros simus* Burchell, Bull. des Sci. Soc. Philomatique, Paris, p. 97, pl., f. 1, 2, 1817. Interior of South Africa, near lat. 26° S.

*Rhinoceros canus* Griffith, Cuvier's Animal Kingdom, 5: 292, 1827. Southern Africa.

*Rhinoceros burchellii* Lesson, Manuel de Mammalogie, p. 332, 1827. Interior of Cape of Good Hope. Apparently based on the *Rhinoceros* de Burchell of Desmarest, Encyclop. Méthodique, Mammalogie, 2: 401, 1822.

*Rhinoceros oswellii* Gray, Proc. Zool. Soc. London, for 1853, p. 46, text-f., 25 July 1854. Interior of South Africa.

*Rhinoceros crossii* Gray, Proc. Zool. Soc. London, for 1854, p. 250, text-f., 11 Apl. 1855. No locality.

The specimen on which this species was founded is a horn, which though referred by Trouessart to *Dicerorhinus sumatrensis* (Cuvier), has more the appearance of being that of the White Rhino.

Range: Formerly parts of South Africa from Orange River north to the Zambesi. Now extinct except in a protected area of Zululand, Natal.

See Lang, Herbert. Recent and historical notes on the Square-lipped Rhinoceros (*Ceratotherium simum*). Journ. Mammalogy, 4: 155-163, pl. 16, 2 text-f., Aug. 1923.

CERATOTHERIUM SIMUM COTTONI (Lydekker). Northern Square-lipped Rhino *Rhinoceros simus cottoni* Lydekker, The Field (London), 111: 319, 22 Feb. 1908.

Lado Enclave. See Heller, E. The White Rhinoceros. Smithsonian Misc. Coll., 61: no. 1, p. 1-77, pl. 1-31, 1913; Trouessart, E. L. Le rhinocéros blanc du Soudan (*Rhinoceros simus cottoni*). Proc. Zool. Soc. London, p. 198-200, pl. 19-21, 24 May 1909.

Range: Lado Enclave northwest to the Bahr-el-Ghazal district.

### DICEROS Gray. African Black Rhino

*Diceros* Gray, London Medical Repository, 15: 306, 1 Apl. 1921; Thomas, Ann. Mag. Nat. Hist. (4) 15: 192, footnote, Feb. 1895. Genotype *Rhinoceros bicornis* Linnæus.

Not invalidated by *Diceras* Lamarek, 1805, in Mollusca.

*Dicerus* Billberg, Syn. Faunæ Scandinaviæ, 1: Mamm., tabl. A, 1828. Genotype?

*Opsiceros* Gloger, Hand- u. Hilfsbuch d. Naturgeseh., 1: xxxii, 125, 1841. Genotype *Rhinoceros bicornis* Linnæus.

*Atelodus* Pomel, Ann. Sci. Lit. Auvergne, 26: 114, 1853. As a subgenus of *Rhinoceros*; type not mentioned, but included seven fossil and living species.

*Rhinaster* Gray, in Gerrard's Cat. Bones of Mamm. Brit. Mus., p. 282, 1862. Genotype *Rhinoceros bicornis* Linnæus.

Preoccupied by *Rhinaster* Wagler, 1830, a genus of Insectivora.

*Keilloa* Gray, Proc. Zool. Soc. London, for 1867, p. 1025, Apl. 1868. As a subgenus of *Rhinaster* (= *Diceros*); type *Rhinoceros keilloa* A. Smith = *bicornis* Linnæus (with the posterior horn the longer).

DICEROS BICORNIS BICORNIS (Linnæus). Black or Hook-lipped Rhino

*Rhinoceros bicornis* Linnæus, Syst. Nat., ed. 10, 1: 56, 1758. "India," but the Cape of Good Hope may be "considered the place whence early specimens were brought" (Thomas, O., Proc. Zool. Soc. London, p. 114, 22 Mar. 1911).

- Rhinoceros africanus* Desmarest, Encyclopédie Méthodique, Mammalogie, 2: 400, 1822. Interior lands north of the Cape of Good Hope.
- Rhinoceros keitloa* A. Smith, Report of Exped. for Exploring Central Africa from Cape of Good Hope, June 23, 1834, under A. Smith, p. 44, 1836. Country north and south of Kurrichaine, South Africa.
- Rhinoceros bicornis* var. B, *Rhinoceros gordonii* Lesson, Nouv. Tableau du Règne Anim., Mamm., p. 159, 1842. Refers to account by Blainville, Journ. de Physique, p. 168, 1817.
- Rhinoceros niger* Schinz, Synopsis Mamm., 2: 335, 1845. Interior of South Africa, but said to be Chuntop, near Mt. Mitchell, Kuiseb district, Southwest Africa, (where it was met with by Capt. Alexander); see Shortridge, G. C., Mammals of South West Africa, 1: 412, footnote, 1934.
- Rhinoceros camperi* Schinz, Synopsis Mamm., 2: 335, 1845. Cape of Good Hope.
- Rhinoceros bicornis holmwoodi* P. L. Selater, Proc. Zool. Soc. London, p. 517, text-f. 1, 2, Oct. 1893. Tanganyika Territory, country inland of "Udalia," at the northeast point of Usukuma, fifty miles south of Speke Gulf.
- Based on horns, which, according to Trouessart, are those of White Rhino.
- Rhinoceros bicornis capensis* Trouessart, Cat. Mamm. Viv. Foss., ed. 1, pt. 4, p. 757, 1898, where the name is attributed to Camper, Acta Acad. Sci. Imp. Petropol., for 1777, pt. 2, p. 193, pl. 6-8, 1780, but does not occur in technical form. Cape of Good Hope.
- Opsiceros occidentalis* Zukowsky, Arch. f. Naturgesch., 88: sect. A, pt. 7, p. 162, June 1922. Kaokoveld-Kunene region, Southwest Africa.
- Regarded by Shortridge (Mamm. South West Africa, 1: 412, 1934) as doubtfully distinguishable from the typical form, but if valid, presumably the same as *Rhinoceros niger* Schinz, which would thus antedate it.

#### DICEROS BICORNIS SOMALIENSIS (Potocki). Somali Black Rhino

- Rhinoceros brucii* Lesson, Nouv. Tabl. Règne Animal, Mamm., p. 159, 1842. Said by Schwarz (Ergebn. d. Zweiten Deutsch. Zentr.-Afr.-Exped. 1910-11, 1: 870, June 1920) to be a valid name based on Blainville's "Rhino-céros d'Abissinie," from Tscherkin, between Bahr Salaam and Atbara River, northwestern Abyssinia. Hollister states that it is a nomen nudum.
- Rhinoceros cucullatus* Wagner, Schreber's Säugthiere, Suppl., 6: 317, pl. 317F, 1835. No locality, but perhaps East Africa; unidentifiable. "Perhaps refers to an Asiatic species" (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 136, 1924).
- Rhinoceros bicornis somaliensis* Potocki, Sport in Somaliland, p. 82, 1900. Ogaden, Abyssinia.

## Family EQUIDÆ. Horses, Zebras, Asses

See Schwarz, E. Beiträge zur Kenntnis der Zebras. Arch. f. Naturgesch., 78: sect. A, pt. 7, p. 34-57, pl. 1-7, Oct. 1912.

## EQUUS Linnæus

*Equus* Linnæus, Syst. Nat., ed. 10, 1: 73, 1758. Genotype *Equus caballus* Linnæus.

## Subgenus DOLICHOHIPPIUS Heller

*Dolichohippus* Heller, Smithsonian Misc. Coll., 60: no. 8, p. 1, 2 Nov. 1912. Genotype *Equus grevyi* Oustalet.

*Megacephalon* Hilzheimer, Abhandl. Senckenberg. Naturf. Ges., Frankfurt a.-M., 31: 95, 1912. As a subgenus of *Equus*; type *Equus grevyi* Oustalet. Not *Megacephalon* Gray, 1846.

*Ludolphozecora* Griffini, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 51: 382, Mar. 1913. A subgenus of *Equus*, type *Equus grevyi* Oustalet; substitute for *Megacephalon* Hilzheimer.

EQUUS GREVYI GREVYI Oustalet. Grevy's Zebra

*Equus grevyi* Oustalet, La Nature (Paris), 10: 2d semestre, p. 12, 5 June 1882. Galla country, Ethiopia.

*Equus faurei* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 170 (nomen nudum), 180 (brief description), 1898. Lake Rudolf region, Abyssinia.

EQUUS GREVYI BERBERENSIS Pocock

*E[quus] grevyi berberensis* Pocock, Ann. Mag. Nat. Hist. (7) 10: 308, Oct. 1902. Duhri, Ogardain, British Somaliland.

## Subgenus HIPOTIGRIS Hamilton Smith

*Hipotigris* Hamilton Smith, Jardine's Naturalist's Library, Mamm., 12: 321, pl. 21-25, 1841; ed. 2, Mamm., 6: 321, pl. 21-25, 1866. Genotype *Equus zebra* Linnæus (see Selater, W. L., Mamm. of South Africa, 1: 282, 1900).

*Zebra* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 26: 163, 19 Mar. 1909, in legend to text-f. 7, 8. Genotype *Zebra burchelli granti* (De Winton) = *Equus burchelli böhmi* Matschie. Doubtless the use of *Zebra* as a generic name here was a lapsus calami as the other text-figures show; nevertheless its use with recognizable illustrations gives it validity.

*Quagga* Shortridge, Mamm. South West Africa, 1: 397, 1934. Genotype *Quagga quagga greyi* (Lydekker) = *Equus quagga* Gmelin.

Shortridge contrasts the characters of *Equus quagga* and *E. zebra*, regarding the two as generically distinct; for the former he creates the new genus *Quagga* and for the latter retains the name *Hipotigris*.

*EQUUS BURCHELLII BURCHELLII* (Gray). Burchell's Zebra

*Asinus burchellii* Gray, Zool. Journ., 1: 247, pl. 9, f. 1, 2, June 1824. Little Klibbolikhoni Fontein, South Africa.

*Equus zebroides* Lesson, Manuel de Mammalogie, p. 346, 1827. Interior of Cape of Good Hope.

*Equus festivus* Wagner, Schreber's Säugthiere, 6: 216, pl. 317B, 1835. Interior of Cape of Good Hope.

*H[ippotigris] campestris* Hamilton Smith, Jardine's Naturalist's Library, Mamm., 12: 329, 1841; substitute for *H. burchellii*.

Range: Formerly southern Bechuanaland and Orange River Colony; now extinct. As to the specific distinction between this and *E. quagga*, see Cabrera, A., Journ. Mammalogy, 17: 91, 14 May 1936.

Review: Cabrera, A. Subspecific and individual variation in the Burchell Zebras. Journ. Mammalogy, 17: 89-112, text-f. 1-22, May 1936.

Lyon, M. W., Jr. A specimen of typical Burchell's Zebra in the United States National Museum. Proc. U. S. Nat. Mus., 32: 1-3, pl. 1-3, 1907.

*EQUUS BURCHELLII ANTIQUORUM* (Hamilton Smith)

*Hippotigris antiquorum* Hamilton Smith, Jardine's Naturalist's Library, Mamm., 12: 327, pl. 22, 1841. "Probably Southwest Africa, north of the sources of the Orange River" (Lydekker, R., Cat. Ungulate Mamm. Brit. Mus., 5: 23, 1916).

*Equus chapmanni* (sic) Layard, Proc. Zool. Soc. London, p. 417, Oct. 1865. Between Zambesi and Botletle Rivers, South Africa. "Selater's plate must be regarded" as the type (Lydekker, R., Cat. Ungulate Mamm. Brit. Mus., 5: 24, 1916), but represents a specimen in the Zoological Gardens at London.

*Equus burchelli wahlbergi* Pocock, Ann. Mag. Nat. Hist. (6) 20: 44, July 1897. Kaffraria = Zululand, Natal.

*Equus burchelli transvaalensis* Ewart, Veterinarian (London), 70: 622, 1897. Northern Transvaal.

*Equus burchelli typicus* F. C. Selous, Great and Small Game of Africa, p. 79, 1899.

*Equus burchelli pococki* Brasil and Penetier, Mém. Soc. Linn. de Normandie, Caën, (2) 7=23: 97, pl. 6, 7, 1 Oct. 1909; Actes Mus. d'Hist. Nat. Rouen 12: 31, pl. 2-4, 1909. "Doubtless some part of southern Africa . . . its claims to distinction seem doubtful" (Lydekker, R., Cat. Ungulate Mamm. Brit. Mus., 5: 23, 1916).

*Equus (Hippotigris) kaufmanni* Matschie, Deutsche Jäger-Zeitung, 59: 120 209, text-f. 84, 1912. Caprivi Peak, between the Chobe and Zambesi Southwest Africa.

Regarded by Shortridge (Mamm. South West Africa, 1: 398, 1934) as indistinguishable from *E. b. zambesiensis* Prazak.

*Hippotigris chapmani kaokensis* Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 82, text-f. 4-5, July 1924. Kaoko plains, near south bank of Kunene River, Southwest Africa.

Indistinguishable from *E. quagga antiquorum* according to Shortridge (Mamm. South West Africa, 1: 398, 1934).

Range: From Benguela and Damaraland east across Bechuanaland to the Transvaal and Zululand, Natal (Cabrera).

*EQUUS BURCHELLII BÖHMI* Matschie. East African Zebra

*Equus böhmi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 131, 1892. Pangani River, Tanganyika Territory.

*Equus burchelli crawshayi* De Winton, Ann. Mag. Nat. Hist. (6) 17: 319, Apl. 1896. Henga, highlands west of Lake Nyasa, Nyasaland.

*Equus burchelli granti* De Winton, Ann. Mag. Nat. Hist. (6) 17: 319, Apl. 1896. "Masailand" = Thika River valley, upper Tana River, Kenya Colony (see Pocock, R. I., Ann. Mag. Nat. Hist. (6) 20: 47, July 1897).

*Equus tigrinus* Johnston, Brit. Central Africa, pp. 292, 296, pl., 1897.

*Equus burchelli crawshayi* Pocock, Ann. Mag. Nat. Hist. (6) 20: 46, July 1897. Henga, Nyasaland.

*Equus burchelli zambeziensis* Prazak, Wild Horses, 1: pl. 16, 1898. Barotsiland, north bank of Upper Zambesi, Northern Rhodesia.

*Equus burchelli mariae* Prazak, Wild Horses, 1: pl. 13, 1898.

*Hippotigris chapmanni jallæ* Camerano, Atti R. Accad. Sci. Torino, 37: 619, pl., f. 6, 1902. Probably southern Abyssinia (Ethiopia).

*Hippotigris muansæ* Matschie, Weidwerk in Wort und Bild, p. 235, 1906. Near Mwanza, Lake Victoria, Tanganyika Territory.

*[Equus] quagga*, var. *goldfinchi* Ridgeway, Nature (London), 86: 245, text-f., 20 Apl. 1911. Rift Valley, Kenya Colony.

*Equus quagga cuninghamei* Heller, Smithsonian Misc. Coll., 61: no. 22, p. 3, 26 Jan. 1914. Archer's Post, Northern Guaso Nyiro, Kenya Colony.

Range: Southern Sudan, east of Bahr-el-Gebel, to southern Ethiopia and southwestern Somaliland, south to northern Nyasaland, northern Rhodesia, and the upper Zambesi (Cabrera).

*EQUUS BURCHELLII SELOUSII* Pocock. Selous's Zebra

*Equus burchelli selousii* Pocock, Ann. Mag. Nat. Hist. (6) 20: 45, July 1897. Manyami Valley, Mashonaland, Southern Rhodesia.

*Equus (Hippotigris) foai* Prazak and Trouessart, Bull. Mus. d'Hist. Nat. Paris, 5: 350, text-f. 1c, 2, 1899. Mountainous district of Angoniland, north bank of lower Zambesi, opposite Tette, Mozambique.

Status uncertain, probably a member of this group, but the hip stripes numerous.

*Equus annectens* W. Rothschild, Proc. Zool. Soc. London, p. 691, 10 Oct. 1906. Near Fort Jameson, northeastern Rhodesia.

Range: Lower Zambesi basin, Southern Rhodesia, and Mozambique, north to southern Nyasaland (Cabrera).



*EQUUS QUAGGA* Gmelin. Quagga

*Equus quagga* Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 213, 1788. South Africa.

*Equus quagga* Lesson, Manuel de Mammalogie, p. 347, 1827. Cape of Good Hope.

*Equus quaccha* Griffith, Cuvier's Animal Kingdom, 3: 344, 1827. "Southern parts of Africa."

*Hippotigris isabellinus* Hamilton Smith, Jardine's Naturalist's Library, Mamm., 12: 332, pl. 25, 1841. Probably Cape of Good Hope.

*E[quus] quagga lorenzi* Lydekker, Knowledge (London), 25: 221, Oct. 1902. Pocock, Ann. Mag. Nat. Hist. (7) 14: 322, Nov. 1904. No locality, but "hazarded" as Orange River Colony or Griqua West, Transvaal.

*Equus quagga greyi* Lydekker, Knowledge (London), 25: 221, pl., Oct. 1902. Pocock, Ann. Mag. Nat. Hist. (7) 14: 323, Nov. 1904. Cape of Good Hope.

*Equus quagga danielli* Pocock, Ann. Mag. Nat. Hist. (7) 14: 319, pl. 10, Nov. 1904. "Plains behind the first range of mountains beyond the Cape Peninsula" (Daniell, whose plate in "African Scenery," no. 15, 1804-08, is made the type of this race).

*Equus quagga trouessarti* Camerano, Atti R. Accad. Sci. Torino, 43: 565, pl., 1908. South Africa.

*Equus burchelli paucistriatus* Hilzheimer, Abhandl. Senckenberg. Naturf. Ges., Frankfurt a. M., 31: 87, pl. 6, f. 3, 5 June 1912. Locality unknown.

Based on specimen of the true Quagga (Schwarz, Arch. f. Naturgesch., 78: sect. A, pt. 7, p. 51, 57, 1912).

*Equus quagga quagga* Schwarz, Arch. f. Naturgesch., 78: sect. A, pt. 7, p. 52, Oct. 1912.

Range: Formerly Cape Colony; now extinct. The last living specimen died in captivity in the London Zoological Gardens in 1872 where it had lived for five years. For an account of the known specimens preserved in museums, see:

Ridgeway, W. On hitherto unrecorded specimens of *Equus quagga*. Proc. Zool. Soc. London, p. 563-586, text-f. 156-180, 19 Oct. 1909.

Hilzheimer, Max. Die in Deutschland aufbewahrten Reste des Quaggas. Abhandl. Senckenberg. Naturf. Ges., Frankfurt a. M., 31: 83-105, pl. 4-9, 2 text-f., 5 June 1912, with bibliography.

*EQUUS ZEBRA ZEBRA* Linnæus. Mountain Zebra

*Equus zebra* Linnæus, Syst. Nat., ed. 10, 1: 74, 1758. "India, Africa," = Cape of Good Hope; doubtless the Drakensberg and other mountain ranges.

*Equus montanus* Burchell, Travels in Interior of South Africa, 1: 139, 265, 1822. No locality given but mentions Paardeberg as a locality where it used to be found.

*Hippotigris campestris* Gray, Cat. Spec. Mamm. Brit. Mus., pt. 3, Ungulata Furcipes, p. 277, 1852 (ex Hamilton Smith MS.). Mountains of South Africa.

*Equus indica* Trouessart, quoting Aldrovandus, Johnston, and Edwards (Gleanings of Nat. Hist., 1: pl. 222, 1758-64, where, however, the name does not appear), Cat. Mamm. Viv. Foss., pt. 4, p. 797, 1898.

*Equus zebra frederici* Trouessart, Cat. Mamm. Viv. Foss., Suppl., p. 646, 1905. Northern part of Cape Colony, based on specimen figured by F. Cuvier, Hist. Nat. d. Mammifères, pl. 314, 1826.

*Equus wardi* Ridgeway, Proc. Zool. Soc. London, for 1909, p. 799, 18 Apl. 1910. Based on the Ward's Zebra of Ewart, described and figured in Proc. Zool. Soc. London, for 1904, 2: 181, text-f. 35, 36, 18 Apl. 1905. For discussion of the origin of the specimen see Ridgeway, Proc. Zool. Soc. London, for 1909, p. 798-799, 18 Apl. 1910.

Believed to be a menagerie hybrid between *E. zebra* and *E. burchellii chapmani*.

"ONLY fifty or sixty of South Africa's rarest animal, the mountain zebra, are left alive, and no funds are available for the further protection of the two small herds, according to an announcement made by Dr. E. L. Gill, director of the Cape Town Natural History Museum. A strict law for the protection of this animal was passed some time ago, but has never been strictly enforced, so that hunters have done their worst. There were 2,000 animals a few years ago, only fifty or sixty now, and this small fragment is apparently doomed."—Science, vol. 83: 6 Mar. 1936.

EQUUS ZEBRA HARTMANNÆ Matschie. Hartmann's Mountain Zebra

*Equus hartmannæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 174, 1898.

Between Hoanib and Unilab Rivers, 19° S., 13° E., Southwest Africa.

Shortridge (Mammals of South West Africa, 1: 389, 1934) believes this and the following to be synonyms of *E. zebra zebra*.

*Equus penricei* Thomas, Ann. Mag. Nat. Hist. (7) 6: 465, Nov. 1900. Providencia, Moninho valley, northeast of Mossamedes, Angola.

*Hippotigris hartmannæ matschiei* Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 90, text-f. 6, July 1924. Namib, at mouth of the Swakop, Southwest Africa.

### Subgenus ASINUS Gray

*Asinus* Gray, Zool. Journ., 1: 244, June 1824. No type designated; included the asses and zebras.

EQUUS ASINUS ASINUS Linnæus. Domesticated Ass

*Equus asinus* Linnæus, Syst. Nat., ed. 10, 1: 73, 1758. No locality, except "in Oriente."

*Asinus vulgaris* Gray, Zool. Journ., 1: 244, June 1824. "Tartary."

*Equus asinus asinus* Pocock, Ann. Mag. Nat. Hist. (8) 4: 527, Dec. 1909.

"Typified by the domestic ass of Asia" (Lydekker, R., Cat. Ungulate Mamm. Brit. Mus., 5: 37, 1916).

See Pocock, R. I. On the agriotype of domestic asses. Ann. Mag. Nat. Hist. (8) 4: 523-528, Dec. 1909; Antonius, Otto, On the geographical distribution, in former times and today, of the recent Equidae, Proc. Zool. Soc. London, 107: ser.B, p. 557-564, Jan. 1938.

EQUUS ASINUS AFRICANUS (Fitzinger). Nubian Wild Ass

*Asinus africanus* Fitzinger, Naturgesch. d. Säugethiere, 3: 667, 1857. Nubia.

Believed to be now extinct.

EQUUS ASINUS ATLANTICUS P. Thomas. Algerian Wild Ass

*Equus asinus atlanticus* P. Thomas, Mém. Soc. Géol. de France, (3) 3: no. 2, p. 45, pl. 8, f. 7, 7a, 1884. Oued Sequen, Algeria.

Range: Formerly Algeria and adjacent parts of the Atlas region; now extinct in a wild state.

EQUUS ASINUS DIANÆ (Dollman)

*Asinus asinus dianæ* Dollman, Proc. Linn. Soc. London, for 1934-5, 147th session, p. 132, 9 May 1935. Hafta Wadi, 17° 43' N., 37° 36' E., Red Sea Province, south of Tokar, near Eritrea border, Anglo-Egyptian Sudan.

EQUUS ASINUS SOMALICUS P. L. Slater. Somali Wild Ass

*Equus somaliensis* Noack, Zool. Garten, 25: 374, Dec. 1884; nomen nudum. Near Berbera, Somaliland.

*Equus asinus somalicus* P. L. Slater, Proc. Zool. Soc. London, for 1884, p. 540, pl. 50, f. 1, Apl. 1885. Somaliland.

*Equus nubianus somalicus* Peel, Somaliland, p. 300, 1900. Guban, Somaliland.

EQUUS ASINUS TÆNIOPUS (Heuglin)

*Asinus tæniopus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Jena, 28: no. 10, p. 1, pl. 1, 1861. Red Sea coast.



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